

Telecom / Modular - Premise Wiring Tutorial

What is Premise Wiring?

Premise Wiring is the cabling, connectors and accessories that are used to connect LAN (Local Area Network) and phone equipment inside a commercial building.

How is Premise Wiring used?

Premise Wiring is made up of vertical and horizontal cable runs from a central location throughout buildings to individual desktops.

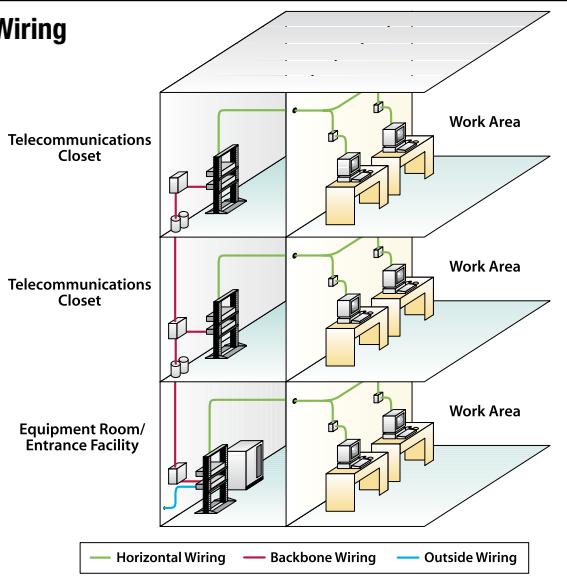
Where is Premise Wiring used?

Premise wiring can be found in just about all public and private buildings, including educational and government buildings as well as in many newer homes.

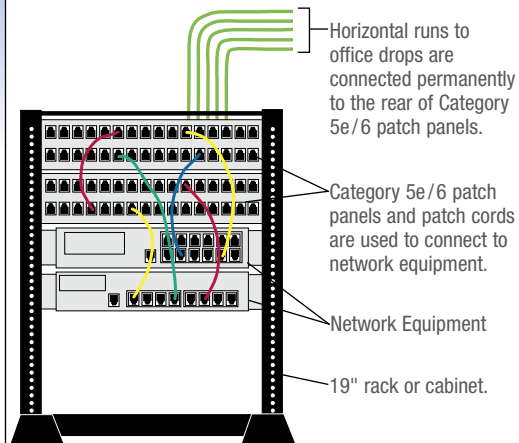
Typical LAN Premise Wiring

Wiring Notes:

1. Category 5e/6 unshielded twisted pair is the norm. Use 4 pair solid conductor inside the walls, 4 pair stranded for patch cords. Plenum rated cabling may be necessary depending upon fire codes in your area.
2. Maximum distance for a horizontal run is 90m (solid conductor) plus an additional 10m (stranded conductor) for patching.
3. Fiber is the common choice for backbone wiring. It is also recommended for horizontal runs over 100m.

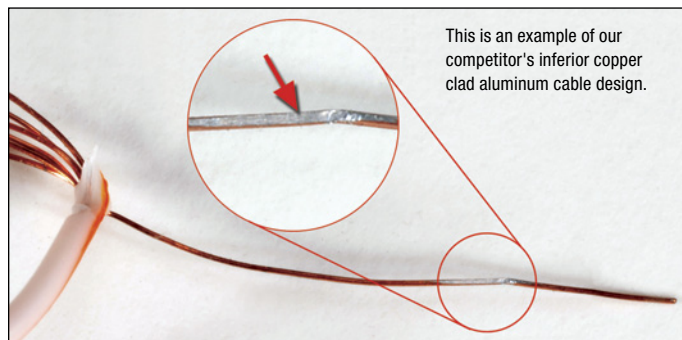


Typical Telecommunications Closet



Approximately 70% of network downtime is due to faulty cables

Quality Components are the building blocks of a reliable network

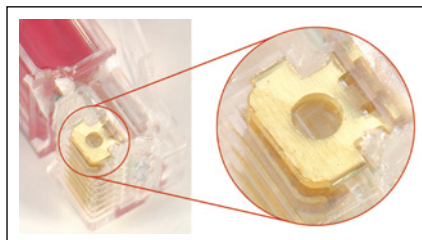


Cable

Many low cost telecom/modular cables use copper clad aluminum or copper clad steel. Aluminum and steel have much higher resistance than copper, resulting in increased data loss and low transmission speeds. L-com uses only pure copper conductors on its cables. Additionally, cable jackets can be made with less fireproofing materials than claimed and in some cases the writing on the jacket might state 24 AWG but is actually made from 25 or 26 AWG wire.



Gold flash on competitors RJ45 contact has deteriorated, degrading connectivity.



L-com connectors with 50 microinches (1.27µm) of gold do not degrade.

Connectors

Some competitor's connectors use only a gold flash where L-com ensures 50 microinches (1.27µm) or better of gold flash on our connectors.

Gold flash on connectors quickly rubs off, especially for patch cables. This can result in a measurably slower network and even dropped connectivity.

To view the entire article concerning counterfeit and low quality telecom/modular cables visit our website: L-com.com/CableTest

Ethernet Cable Applications

Download this helpful chart at L-com.com/EthernetCableGuide

CONSTRUCTION

UTP

Used in controlled environments with very little to no EMI/RFI. Used in home, small office and Enterprise business networks.

Shielded

For environments where EMI/RFI is present, such as near motors, generators and other "noise" generating machines.

Double Shielded

Used in extremely high EMI/RFI environments such as factories and processing plants where "noise" generating equipment including generators, power transmission lines, and electric motors are present.

High Flex

Used in continuous motion applications such as a robot arm control cable in a manufacturing environment.

MATERIAL

PVC

Very common jacket and over mold compound used in basic small office/home office (SOHO), small to medium business (SMB) and Enterprise network applications. PVC burns rapidly and releases hazardous gases when burned. Applications consist of general open space connectivity (not used in walls or ceilings).

LSZH

Low Smoke Zero Halogen cables produce very little smoke when burned and release no halogen compounds including Fluorine, Chlorine, and Bromine. This type of cabling is typically used in confined spaces where human lives and expensive communications equipment reside. LSZH is used on ships, submarines, aircraft, terrestrial vehicles etc.

Plenum

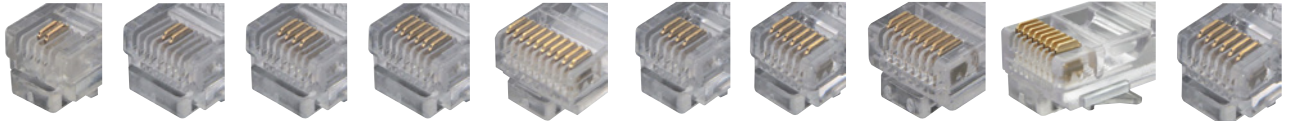
Plenum cabling is used in buildings in the plenum air space usually above ceiling tiles or in the plenum airspace under the flooring in a server room or data closet. Plenum cables will self extinguish and not re-ignite.

PUR/TPE

PUR (polyurethane) and TPE (thermoplastic elastomer) cabling are typically used in harsh or Industrial Ethernet networking applications where the presence of petroleum based contaminants, UV rays, and physical impacts occur. Applications include oil refineries, factory floor, manufacturing, processing industries (food and chemical) etc.

Telecom / Modular Connectors

MALE PLUGS

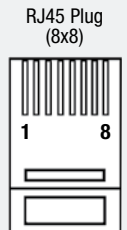
Modular
(6x2)Modular
(8x2)Modular
(8x4)Modular
(8x6)Modular 10
Pos. (10x10)Modular
RJ11 (6x4)Modular
RJ12 (6x6)Modular
RJ45 (8x8)Modular RJ45
(8x8 Keyed)Modular
MMJ (6x6)

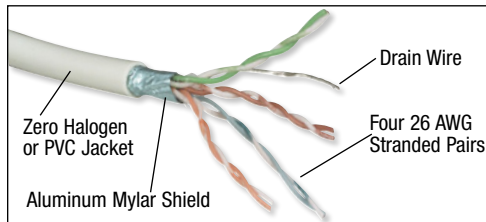
FEMALE JACKS



Common Wiring Standards for Data Communications

There are two common wiring standards for LAN wiring. When buying components such as jacks or patch panels, be sure to specify if you need EIA568A or EIA568B.

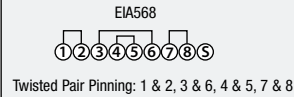
EIA/TIA568A
WIRINGRJ45
Jack
(8x8)EIA/TIA568B
AT&T 258A WIRING



Premium Category 6 RJ45 to RJ45 Shielded Patch Cords

Category 6 has become the de facto standard when installing new network cabling. With high bandwidth applications on the rise and Ethernet network deployments venturing into new areas such as factory environments, the need for shielded Category 6 cable assemblies has also increased. L-com has stepped up to this new demand and created a line of high performance Category 6 patch cords that feature a 100% foil shield and the option of either a PVC or Zero Halogen jacket.

Category 6 Patch Cords



Category 6 Stranded 4 Pair Cable



Ordering is easy, add the desired color code to the part number. Ex: TRD695DSZ-BLK-1.

*Note: No suffix necessary for gray TRD695SZ assemblies.

Best Seller



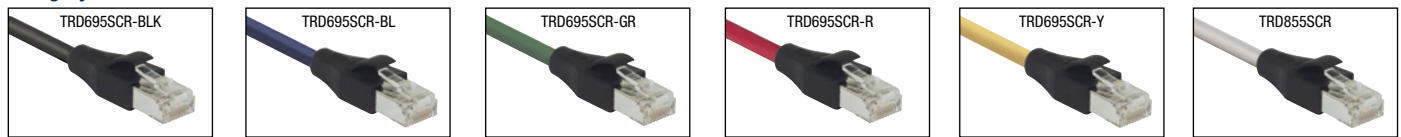
Item #	Description	Length	1-9	10-24	25-99	100+
Category 6 Double Shielded LSZH 26 AWG Stranded Patch Cords						
TRD695DSZ-__-1	Double Shielded Cat6 LSZH Patch Cord, RJ45/RJ45	1.0ft (0.3m)	13.36	12.82	12.29	CALL
TRD695DSZ-__-2	Double Shielded Cat6 LSZH Patch Cord, RJ45/RJ45	2.0ft (0.6m)	14.50	13.92	13.34	CALL
TRD695DSZ-__-3	Double Shielded Cat6 LSZH Patch Cord, RJ45/RJ45	3.0ft (0.9m)	15.64	15.01	14.39	CALL
TRD695DSZ-__-5	Double Shielded Cat6 LSZH Patch Cord, RJ45/RJ45	5.0ft (1.5m)	17.92	17.20	16.48	CALL
TRD695DSZ-__-7	Double Shielded Cat6 LSZH Patch Cord, RJ45/RJ45	7.0ft (2.1m)	20.20	19.39	18.58	CALL
TRD695DSZ-__-10	Double Shielded Cat6 LSZH Patch Cord, RJ45/RJ45	10.0ft (3.0m)	23.61	22.67	21.73	CALL
TRD695DSZ-__-15	Double Shielded Cat6 LSZH Patch Cord, RJ45/RJ45	15.0ft (4.6m)	29.31	28.14	26.97	CALL
TRD695DSZ-__-25	Double Shielded Cat6 LSZH Patch Cord, RJ45/RJ45	25.0ft (7.6m)	40.71	39.08	37.46	CALL
TRD695DSZ-__-50	Double Shielded Cat6 LSZH Patch Cord, RJ45/RJ45	50.0ft (15.2m)	69.21	66.44	63.67	CALL
TRD695DSZ-__-75	Double Shielded Cat6 LSZH Patch Cord, RJ45/RJ45	75.0ft (22.9m)	97.70	93.80	89.89	CALL
TRD695DSZ-__-100	Double Shielded Cat6 LSZH Patch Cord, RJ45/RJ45	100.0ft (30.4m)	126.20	121.15	116.10	CALL

Category 6 Shielded Patch Cords with LSZH Jacket

This series features a LSZH jacket and a 100% foil shield. The four pair 26 AWG stranded Cat6 cable is terminated with L-com's unique shielded Cat6 plugs, with a fully crimped shield termination that doubles as a strain relief.

TRD695SZ-__-1	Shielded Cat6 LSZH Patch Cord, RJ45/RJ45	1.0ft (0.3m)	9.21	8.94	8.66	CALL
TRD695SZ-__-2	Shielded Cat6 LSZH Patch Cord, RJ45/RJ45	2.0ft (0.6m)	10.56	10.24	9.93	CALL
TRD695SZ-__-3	Shielded Cat6 LSZH Patch Cord, RJ45/RJ45	3.0ft (0.9m)	12.01	11.65	11.29	CALL
TRD695SZ-__-5	Shielded Cat6 LSZH Patch Cord, RJ45/RJ45	5.0ft (1.5m)	14.81	14.36	13.92	CALL
TRD695SZ-__-7	Shielded Cat6 LSZH Patch Cord, RJ45/RJ45	7.0ft (2.1m)	17.61	17.08	16.55	CALL
TRD695SZ-__-10	Shielded Cat6 LSZH Patch Cord, RJ45/RJ45	10.0ft (3.0m)	21.75	21.10	20.44	CALL
TRD695SZ-__-15	Shielded Cat6 LSZH Patch Cord, RJ45/RJ45	15.0ft (4.6m)	28.80	27.93	27.07	CALL
TRD695SZ-__-25	Shielded Cat6 LSZH Patch Cord, RJ45/RJ45	25.0ft (7.6m)	42.78	41.50	40.22	CALL
TRD695SZ-__-50	Shielded Cat6 LSZH Patch Cord, RJ45/RJ45	50.0ft (15.2m)	77.70	75.37	73.04	CALL
TRD695SZ-__-75	Shielded Cat6 LSZH Patch Cord, RJ45/RJ45	75.0ft (22.9m)	112.73	109.35	105.96	CALL
TRD695SZ-__-100	Shielded Cat6 LSZH Patch Cord, RJ45/RJ45	100.0ft (30.4m)	147.65	143.22	138.79	CALL

Category 6 Shielded Patch Cords with PVC Jacket



BLK	BL	GR	R	Y	*---
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Ordering is easy, add the desired color code to the part number. Ex: TRD695SCR-BLK-3

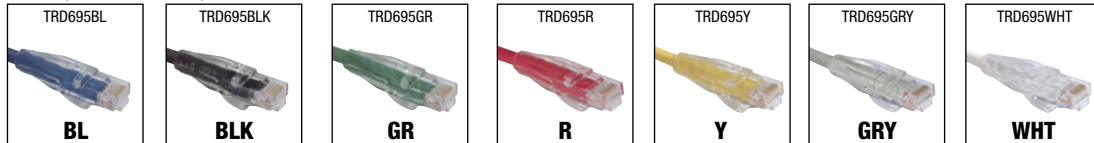
*Note: No suffix necessary for gray assemblies.

Item #	Description	Length	1-9	10-24	25-99	100+
TRD695SCR-__-1	Shielded Category 6 Patch Cord, RJ45/RJ45	1.0ft (0.3m)	8.28	8.03	7.78	CALL
TRD695SCR-__-2	Shielded Category 6 Patch Cord, RJ45/RJ45	2.0ft (0.6m)	9.11	8.83	8.56	CALL
TRD695SCR-__-3	Shielded Category 6 Patch Cord, RJ45/RJ45	3.0ft (0.9m)	9.83	9.54	9.24	CALL
TRD695SCR-__-5	Shielded Category 6 Patch Cord, RJ45/RJ45	5.0ft (1.5m)	11.39	11.05	10.70	CALL
TRD695SCR-__-7	Shielded Category 6 Patch Cord, RJ45/RJ45	7.0ft (2.1m)	12.94	12.55	12.17	CALL
TRD695SCR-__-10	Shielded Category 6 Patch Cord, RJ45/RJ45	10.0ft (3.0m)	15.33	14.87	14.41	CALL
TRD695SCR-__-15	Shielded Category 6 Patch Cord, RJ45/RJ45	15.0ft (4.6m)	19.16	18.58	18.01	CALL
TRD695SCR-__-25	Shielded Category 6 Patch Cord, RJ45/RJ45	25.0ft (7.6m)	26.93	26.12	25.31	CALL
TRD695SCR-__-50	Shielded Category 6 Patch Cord, RJ45/RJ45	50.0ft (15.2m)	46.41	45.02	43.63	CALL
TRD695SCR-__-75	Shielded Category 6 Patch Cord, RJ45/RJ45	75.0ft (22.9m)	65.79	63.81	61.84	CALL
TRD695SCR-__-100	Shielded Category 6 Patch Cord, RJ45/RJ45	100.0ft (30.4m)	85.27	82.71	80.15	CALL

Premium Category 6 RJ45 Hi-Speed Network Patch Cords with PVC Jacket

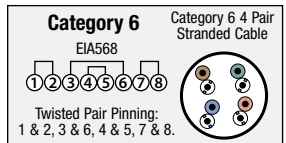
Competitive pricing and high quality is what makes L-com's Category 6 patch cords the right choice. Made with high performance 4-pair Category 6 cable and snagless plugs, these cables are ready to be installed in your network.

Affordability and peace of mind are assured when choosing L-com's patch cords. Large volume OEM requests are welcomed with this series. Contact us today for all your patch cord needs.



Ordering is easy, add the desired color code to the part number. Ex: TRD695BL-1

TRD695__-1	Category 6 Patch Cord, RJ45/RJ45	1.0ft (0.3m)	6.52	6.39	6.13	CALL
TRD695__-3	Category 6 Patch Cord, RJ45/RJ45	3.0ft (0.9m)	7.66	7.50	7.20	CALL
TRD695__-5	Category 6 Patch Cord, RJ45/RJ45	5.0ft (1.5m)	8.80	8.62	8.27	CALL
TRD695__-7	Category 6 Patch Cord, RJ45/RJ45	7.0ft (2.1m)	9.94	9.74	9.34	CALL
TRD695__-10	Category 6 Patch Cord, RJ45/RJ45	10.0ft (3.0m)	12.11	11.87	11.39	CALL
TRD695__-14	Category 6 Patch Cord, RJ45/RJ45	14.0ft (4.3m)	14.39	14.10	13.53	CALL
TRD695__-25	Category 6 Patch Cord, RJ45/RJ45	25.0ft (7.6m)	19.99	19.59	18.79	CALL
TRD695__-50	Category 6 Patch Cord, RJ45/RJ45	50.0ft (15.2m)	33.36	32.69	31.35	CALL
TRD695__-75	Category 6 Patch Cord, RJ45/RJ45	75.0ft (22.9m)	46.83	45.89	44.02	CALL
TRD695__-100	Category 6 Patch Cord, RJ45/RJ45	100.0ft (30.4m)	60.30	59.09	56.68	CALL



Item #	Description	Color	1-9	10-24	25-99	100+
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Category 6 28 AWG Slim-line Patch Cables

L-com's new slim-line Ethernet patch cables are the ideal solution for high density patching applications. The patent pending spline-free design provides a 38% smaller cross sectional area, a perfect solution for applications that require a smaller and more flexible cable. With a performance rating of Category 6, these cables support data rates up to 1 Gbps for demanding high-speed voice, video and data applications. L-com's low profile short boot design saves additional space on your patch panel allowing for a clean organized look to patch bays.

TRD628BL-1	Category 6 Low Profile Ethernet Patch Cable, 1.0ft (0.3m)	Blue	7.14	6.85	6.57	CALL
TRD628BL-3	Category 6 Low Profile Ethernet Patch Cable, 3.0ft (0.9m)	Blue	7.97	7.65	7.33	CALL
TRD628BL-5	Category 6 Low Profile Ethernet Patch Cable, 5.0ft (1.5m)	Blue	8.80	8.45	8.09	CALL
TRD628BL-7	Category 6 Low Profile Ethernet Patch Cable, 7.0ft (2.1m)	Blue	9.63	9.24	8.86	CALL
TRD628BL-10	Category 6 Low Profile Ethernet Patch Cable, 10.0ft (3.0m)	Blue	10.87	10.43	10.00	CALL
TRD628BL-14	Category 6 Low Profile Ethernet Patch Cable, 14.0ft (4.3m)	Blue	12.53	12.03	11.53	CALL

Category 6a 28 AWG Shielded Slim-line Patch Cables

L-com's new slim-line Ethernet patch cables are the ideal solution for high density patching applications. The patent pending spline-free design provides a reduced diameter profile which offers a perfect solution for applications that require a smaller and more flexible cable. With a performance rating of Category 6A, these cables support data rates up to 10Gbps for demanding high-speed voice, video and data applications. L-com's low profile short boot design saves additional space on your patch panel allowing for a clean organized look to patch bays. Available in cable lengths from 1 Foot to 14 Feet.

TRD628ABL-1	Shielded Cat6a Low Profile Patch Cord, RJ45/RJ45, 1.0ft (0.3m)	Blue	10.77	10.34	9.90	CALL
TRD628ABL-3	Shielded Cat6a Low Profile Patch Cord, RJ45/RJ45, 3.0ft (0.9m)	Blue	12.01	11.53	11.05	CALL
TRD628ABL-5	Shielded Cat6a Low Profile Patch Cord, RJ45/RJ45, 5.0ft (1.5m)	Blue	13.25	12.72	12.19	CALL
TRD628ABL-7	Shielded Cat6a Low Profile Patch Cord, RJ45/RJ45, 7.0ft (2.1m)	Blue	14.50	13.92	13.34	CALL
TRD628ABL-10	Shielded Cat6a Low Profile Patch Cord, RJ45/RJ45, 10.0ft (3.0m)	Blue	16.36	15.71	15.05	CALL
TRD628ABL-14	Shielded Cat6a Low Profile Patch Cord, RJ45/RJ45, 14.0ft (4.3m)	Blue	18.85	18.09	17.34	CALL

Premium Category 6a RJ45 10-Gig Shielded Patch Cords

L-com's TRD695A Category 6a cable assemblies offer true 10 Gigabit Ethernet speeds at frequencies up to 500 MHz. These robust Category 6a cables are perfect for high speed computing applications often found in data centers. Category 6a cable color options include blue, black, red, and gray.

Item #	Description	Length	1-9	10-24	25-99	100+
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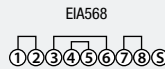
Ordering is easy, add the desired color code to the part number Ex: TRD695ABLK-1

TRD695A__-1	Shielded Category 6a Patch Cord, RJ45/RJ45	1.0ft (0.3m)	11.92	11.44	10.96	CALL
TRD695A__-2	Shielded Category 6a Patch Cord, RJ45/RJ45	2.0ft (0.6m)	13.00	12.48	11.96	CALL
TRD695A__-3	Shielded Category 6a Patch Cord, RJ45/RJ45	3.0ft (0.9m)	13.57	13.03	12.49	CALL
TRD695A__-5	Shielded Category 6a Patch Cord, RJ45/RJ45	5.0ft (1.5m)	15.18	14.57	13.97	CALL
TRD695A__-7	Shielded Category 6a Patch Cord, RJ45/RJ45	7.0ft (2.1m)	17.36	16.66	15.97	CALL
TRD695A__-10	Shielded Category 6a Patch Cord, RJ45/RJ45	10.0ft (3.0m)	19.53	18.75	17.97	CALL
TRD695A__-15	Shielded Category 6a Patch Cord, RJ45/RJ45	15.0ft (4.6m)	23.88	22.93	21.97	CALL
TRD695A__-25	Shielded Category 6a Patch Cord, RJ45/RJ45	25.0ft (7.6m)	32.59	31.28	29.98	CALL
TRD695A__-50	Shielded Category 6a Patch Cord, RJ45/RJ45	50.0ft (15.2m)	54.35	52.17	50.00	CALL

Category 5e Shielded Patch Cords - 4 Pair For EIA568 Wiring

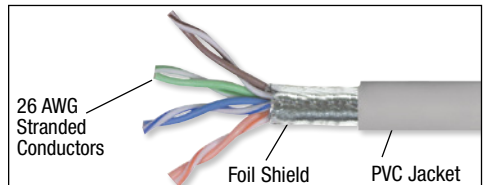
For protection against EMI/RFI interference, L-com's economical shielded patch cables are ideal. With a 100% foil shield covering and 4-Pair 26 AWG stranded conductors, your data is protected from interference. This series is designed to perform to EIA568 standards.

Category 5e Patch Cords



Twisted Pair Pinning:
1 & 2, 3 & 6, 4 & 5, 7 & 8

Category 5e Stranded
4 Pair Cable



Item #	Description	Color	1-9	10-24	25-99	100+
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Category 5e Double Shielded LSZH 26 AWG Stranded Patch Cords

This series features 26 AWG stranded conductors that are flexible and easy to install even in tight spaces. L-com stocks lengths up to 300ft (91.4m) and can ship most orders the same day.

Ordering is easy, add the desired color code to the part number. Ex: TRD855DSZBLK-1.

*Note: No suffix necessary for gray assemblies.

TRD855DSZ__-1	Double Shielded Cat5e LSZH Patch Cord, RJ45/RJ45, 1.0ft (0.3m)		11.91	11.43	10.95	CALL
TRD855DSZ__-2	Double Shielded Cat5e LSZH Patch Cord, RJ45/RJ45, 2.0ft (0.6m)		13.67	13.12	12.57	CALL
TRD855DSZ__-3	Double Shielded Cat5e LSZH Patch Cord, RJ45/RJ45, 3.0ft (0.9m)		15.43	14.81	14.19	CALL
TRD855DSZ__-5	Double Shielded Cat5e LSZH Patch Cord, RJ45/RJ45, 5.0ft (1.5m)		18.95	18.19	17.44	CALL
TRD855DSZ__-7	Double Shielded Cat5e LSZH Patch Cord, RJ45/RJ45, 7.0ft (2.1m)		22.48	21.58	20.68	CALL
TRD855DSZ__-10	Double Shielded Cat5e LSZH Patch Cord, RJ45/RJ45, 10.0ft (3.0m)		27.76	26.65	25.54	CALL
TRD855DSZ__-15	Double Shielded Cat5e LSZH Patch Cord, RJ45/RJ45, 15.0ft (4.6m)		36.57	35.10	33.64	CALL
TRD855DSZ__-25	Double Shielded Cat5e LSZH Patch Cord, RJ45/RJ45, 25.0ft (7.6m)		54.18	52.02	49.85	CALL
TRD855DSZ__-50	Double Shielded Cat5e LSZH Patch Cord, RJ45/RJ45, 50.0ft (15.2m)		98.22	94.29	90.36	CALL

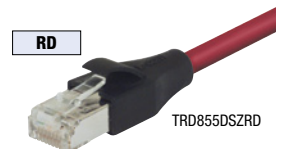
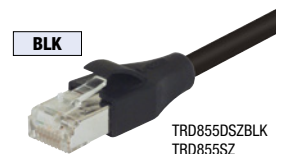
Category 5e Shielded LSZH 26 AWG Stranded Patch Cords

This series features 26 AWG stranded conductors and a 100% foil shield. The LSZH jacket is perfect for environments where PVC's combustive toxicity is restricted. **Note:** TRD855SZ line is only available in black.

TRD855SZ-1	Shielded Cat5e LSZH Patch Cord, RJ45/RJ45, 1.0ft (0.3m)	Black only	11.28	10.83	10.38	CALL
TRD855SZ-2	Shielded Cat5e LSZH Patch Cord, RJ45/RJ45, 2.0ft (0.6m)	Black only	13.25	12.72	12.19	CALL
TRD855SZ-3	Shielded Cat5e LSZH Patch Cord, RJ45/RJ45, 3.0ft (0.9m)	Black only	15.22	14.61	14.00	CALL
TRD855SZ-5	Shielded Cat5e LSZH Patch Cord, RJ45/RJ45, 5.0ft (1.5m)	Black only	19.16	18.39	17.63	CALL
TRD855SZ-7	Shielded Cat5e LSZH Patch Cord, RJ45/RJ45, 7.0ft (2.1m)	Black only	23.10	22.17	21.25	CALL
TRD855SZ-10	Shielded Cat5e LSZH Patch Cord, RJ45/RJ45, 10.0ft (3.0m)	Black only	29.00	27.84	26.68	CALL
TRD855SZ-15	Shielded Cat5e LSZH Patch Cord, RJ45/RJ45, 15.0ft (4.6m)	Black only	38.85	37.29	35.74	CALL
TRD855SZ-25	Shielded Cat5e LSZH Patch Cord, RJ45/RJ45, 25.0ft (7.6m)	Black only	58.53	56.19	53.85	CALL
TRD855SZ-50	Shielded Cat5e LSZH Patch Cord, RJ45/RJ45, 50.0ft (15.2m)	Black only	107.75	103.44	99.13	CALL



Best Seller

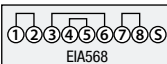


Best Seller



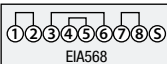
SHIELDED CATEGORY 5e

- 4 pair 24 AWG solid
- LSZH jacket
- Braid + foil shielding



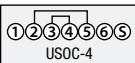
SHIELDED CATEGORY 5e

- 4 pair 24 AWG solid
- Plenum rated
- Foil shielding



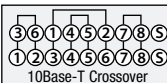
SHIELDED CATEGORY 5e

- 2 pair 26 AWG stranded
- PVC jacket
- Foil shielding



SHIELDED CATEGORY 5e

- 4 pair crossover wired
- 26 AWG stranded conductors
- PVC jacket
- Foil shielding



Item #	Description	Length	Color	1-9	10-24	25-99	100+
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Category 5e Double Shielded LSZH 24 AWG Solid Patch Cords

The TRD855SIG series features 24 AWG solid conductors allowing easy termination to IDC connectors. L-com stocks lengths up to 300ft (91.4m) and can ship most orders the same day.

Ordering is easy, add the desired color code to the part number. Ex: TRD855SIGBLK-1.

*Note: No suffix necessary for gray assemblies.

TRD855SIG _-1	Double Shielded Cat5e LSZH Patch Cord, RJ45/RJ45	1.0ft (0.3m)		11.80	11.33	10.86	CALL
TRD855SIG _-2	Double Shielded Cat5e LSZH Patch Cord, RJ45/RJ45	2.0ft (0.6m)		13.46	12.92	12.38	CALL
TRD855SIG _-3	Double Shielded Cat5e LSZH Patch Cord, RJ45/RJ45	3.0ft (0.9m)		15.12	14.51	13.91	CALL
TRD855SIG _-5	Double Shielded Cat5e LSZH Patch Cord, RJ45/RJ45	5.0ft (1.5m)		18.43	17.70	16.96	CALL
TRD855SIG _-7	Double Shielded Cat5e LSZH Patch Cord, RJ45/RJ45	7.0ft (2.1m)		21.75	20.88	20.01	CALL
TRD855SIG _-10	Double Shielded Cat5e LSZH Patch Cord, RJ45/RJ45	10.0ft (3.0m)		26.72	25.65	24.59	CALL
TRD855SIG _-15	Double Shielded Cat5e LSZH Patch Cord, RJ45/RJ45	15.0ft (4.6m)		35.01	33.61	32.21	CALL
TRD855SIG _-25	Double Shielded Cat5e LSZH Patch Cord, RJ45/RJ45	25.0ft (7.6m)		51.59	49.53	47.47	CALL
TRD855SIG _-50	Double Shielded Cat5e LSZH Patch Cord, RJ45/RJ45	50.0ft (15.2m)		93.04	89.32	85.60	CALL
TRD855SIG _-75	Double Shielded Cat5e LSZH Patch Cord, RJ45/RJ45	75.0ft (22.9m)		134.49	129.11	123.73	CALL
TRD855SIG _-100	Double Shielded Cat5e LSZH Patch Cord, RJ45/RJ45	100.0ft (30.4m)		175.94	168.90	161.86	CALL

Category 5e Shielded 26 AWG Stranded Patch Cords

For protection against EMI/RFI interference L-com's economical shielded patch cables are ideal. With a 100% foil shield covering 4-Pair 26 AWG stranded conductors, your data is protected from interference. This series is designed to perform to EIA568 standards.

Ordering is easy, add the desired color code to the part number. Ex: TRD855SCRBLK-3.

*Note: No suffix necessary for gray assemblies.

TRD855SCR _-1	Shielded Cat5e EIA568 Patch Cord, RJ45/RJ45	1.0ft (0.3m)		7.14	6.85	6.57	CALL
TRD855SCR _-2	Shielded Cat5e EIA568 Patch Cord, RJ45/RJ45	2.0ft (0.6m)		7.76	7.45	7.14	CALL
TRD855SCR _-3	Shielded Cat5e EIA568 Patch Cord, RJ45/RJ45	3.0ft (0.9m)		8.38	8.05	7.71	CALL
TRD855SCR _-5	Shielded Cat5e EIA568 Patch Cord, RJ45/RJ45	5.0ft (1.5m)		9.63	9.24	8.86	CALL
TRD855SCR _-7	Shielded Cat5e EIA568 Patch Cord, RJ45/RJ45	7.0ft (2.1m)		10.87	10.43	10.00	CALL
TRD855SCR _-10	Shielded Cat5e EIA568 Patch Cord, RJ45/RJ45	10.0ft (3.0m)		12.73	12.23	11.72	CALL
TRD855SCR _-15	Shielded Cat5e EIA568 Patch Cord, RJ45/RJ45	15.0ft (4.6m)		15.84	15.21	14.58	CALL
TRD855SCR _-25	Shielded Cat5e EIA568 Patch Cord, RJ45/RJ45	25.0ft (7.6m)		22.06	21.18	20.30	CALL
TRD855SCR _-50	Shielded Cat5e EIA568 Patch Cord, RJ45/RJ45	50.0ft (15.2m)		37.60	36.10	34.60	CALL

Category 5e Shielded RJ45 to RJ45 Plenum Patch Cords - 4 Pair Solid for EIA568 Wiring

TRD815SPL-1	Shielded Cat5e Plenum Patch Cord, RJ45/RJ45	1.0ft (0.3m)	Blue	29.11	28.52	27.36	CALL
TRD815SPL-3	Shielded Cat5e Plenum Patch Cord, RJ45/RJ45	3.0ft (0.9m)	Blue	32.53	31.88	30.57	CALL
TRD815SPL-5	Shielded Cat5e Plenum Patch Cord, RJ45/RJ45	5.0ft (1.5m)	Blue	36.05	35.33	33.89	CALL
TRD815SPL-7	Shielded Cat5e Plenum Patch Cord, RJ45/RJ45	7.0ft (2.1m)	Blue	39.57	38.78	37.20	CALL
TRD815SPL-10	Shielded Cat5e Plenum Patch Cord, RJ45/RJ45	10.0ft (3.0m)	Blue	44.75	43.86	42.07	CALL
TRD815SPL-15	Shielded Cat5e Plenum Patch Cord, RJ45/RJ45	15.0ft (4.6m)	Blue	53.46	52.39	50.25	CALL
TRD815SPL-25	Shielded Cat5e Plenum Patch Cord, RJ45/RJ45	25.0ft (7.6m)	Blue	70.87	69.45	66.61	CALL
TRD815SPL-50	Shielded Cat5e Plenum Patch Cord, RJ45/RJ45	50.0ft (15.2m)	Blue	114.39	112.10	107.52	CALL
TRD815SPL-100	Shielded Cat5e Plenum Patch Cord, RJ45/RJ45	100.0ft (30.4m)	Blue	201.43	197.40	189.34	CALL

Category 5e Shielded Ethernet Cable - RJ11 2 Pair Voice and Data Patch Cable

These screened (shielded) patch cords are great for use in electrically noisy environments where EMI is an issue.

Category 5e Shielded RJ11 to RJ11 Patch Cords - 2 Pair USOC Wiring

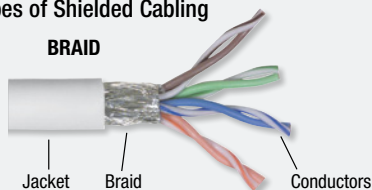
TRDU45SCR-1	Shielded Cat5e USOC-4 Patch Cord, RJ11/RJ11	1.0ft (0.3m)	Beige	4.86	4.57	4.28	CALL
TRDU45SCR-3	Shielded Cat5e USOC-4 Patch Cord, RJ11/RJ11	3.0ft (0.9m)	Beige	5.90	5.54	5.19	CALL
TRDU45SCR-5	Shielded Cat5e USOC-4 Patch Cord, RJ11/RJ11	5.0ft (1.5m)	Beige	6.83	6.42	6.01	CALL
TRDU45SCR-7	Shielded Cat5e USOC-4 Patch Cord, RJ11/RJ11	7.0ft (2.1m)	Beige	7.86	7.39	6.92	CALL
TRDU45SCR-10	Shielded Cat5e USOC-4 Patch Cord, RJ11/RJ11	10.0ft (3.0m)	Beige	9.32	8.76	8.20	CALL
TRDU45SCR-15	Shielded Cat5e USOC-4 Patch Cord, RJ11/RJ11	15.0ft (4.6m)	Beige	11.80	11.09	10.39	CALL
TRDU45SCR-25	Shielded Cat5e USOC-4 Patch Cord, RJ11/RJ11	25.0ft (7.6m)	Beige	16.78	15.77	14.76	CALL
TRDU45SCR-50	Shielded Cat5e USOC-4 Patch Cord, RJ11/RJ11	50.0ft (15.2m)	Beige	29.21	27.46	25.71	CALL
TRDU45SCR-100	Shielded Cat5e USOC-4 Patch Cord, RJ11/RJ11	100.0ft (30.4m)	Beige	54.08	50.83	47.59	CALL

Category 5e Shielded RJ45 to RJ45 Crossover Patch Cords

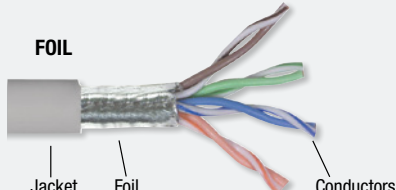
TRD855XCR-1	Shielded Cat5e Crossover Patch Cord, RJ45/RJ45	1.0ft (0.3m)	Lt. Gray	8.38	7.71	7.04	CALL
TRD855XCR-3	Shielded Cat5e Crossover Patch Cord, RJ45/RJ45	3.0ft (0.9m)	Lt. Gray	9.63	8.86	8.09	CALL
TRD855XCR-5	Shielded Cat5e Crossover Patch Cord, RJ45/RJ45	5.0ft (1.5m)	Lt. Gray	10.87	10.00	9.13	CALL
TRD855XCR-7	Shielded Cat5e Crossover Patch Cord, RJ45/RJ45	7.0ft (2.1m)	Lt. Gray	12.11	11.14	10.18	CALL
TRD855XCR-10	Shielded Cat5e Crossover Patch Cord, RJ45/RJ45	10.0ft (3.0m)	Lt. Gray	13.98	12.86	11.74	CALL
TRD855XCR-15	Shielded Cat5e Crossover Patch Cord, RJ45/RJ45	15.0ft (4.6m)	Lt. Gray	17.09	15.72	14.35	CALL
TRD855XCR-25	Shielded Cat5e Crossover Patch Cord, RJ45/RJ45	25.0ft (7.6m)	Lt. Gray	23.30	21.44	19.58	CALL
TRD855XCR-50	Shielded Cat5e Crossover Patch Cord, RJ45/RJ45	50.0ft (15.2m)	Lt. Gray	38.85	35.74	32.63	CALL
TRD855XCR-100	Shielded Cat5e Crossover Patch Cord, RJ45/RJ45	100.0ft (30.4m)	Lt. Gray	69.93	64.34	58.74	CALL

Types of Shielded Cabling

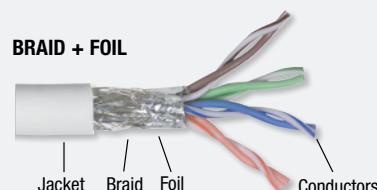
BRAID



FOIL



BRAID + FOIL



JACKET TYPES:

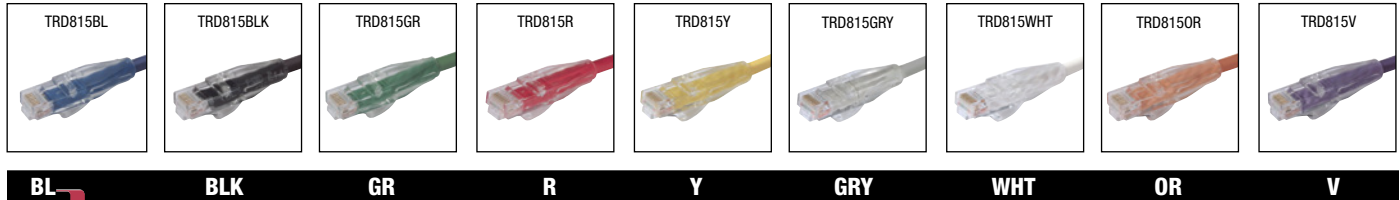
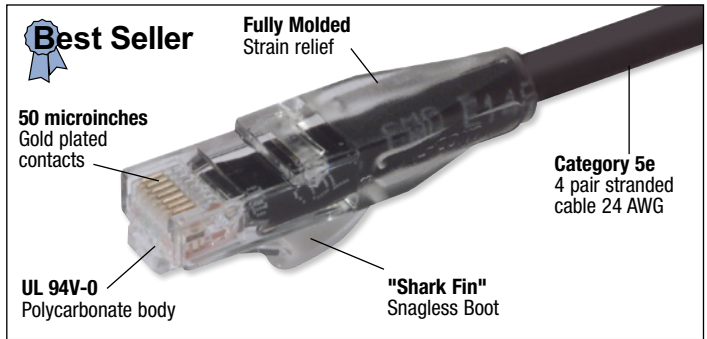
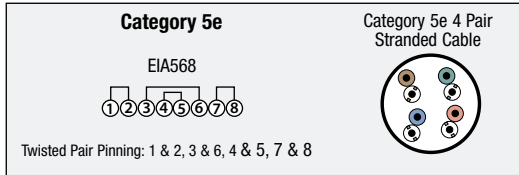
- PVC** - Non fire retardant, releases toxic gases when burned.
- LSZH** - Fire retardant, greatly reduced toxic emissions when burned.
- Plenum** - Fire retardant.

CONDUCTOR TYPES:

- Solid** - Less flexible, can be punched into IDC connectors (110, 66, Krone).
- Stranded** - Most flexible.

Premium Category 5e RJ45 Molded Ethernet Patch Cords

Designed for today's high-density patch panels, these unique Category 5e molded patch cords feature an easy to depress "shark fin" snagless molded boot that makes connecting cables easier. The clear boot also allows the color of each cable to be easily seen on each port for easy cable identification. Each cable is tested for Category 5e performance to ensure maximum network throughput.



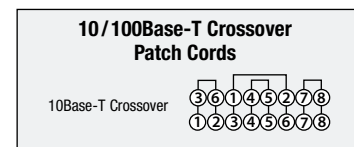
Ordering is easy, add the desired color code to the part number. Ex: TRD815BL-3

Item #	Description	Length	1-9	10-24	25-99	100+
TRD815 __-3	Category 5e Patch Cord, RJ45/RJ45	3.0ft (0.9m)	4.45	4.00	3.56	CALL
TRD815 __-5	Category 5e Patch Cord, RJ45/RJ45	5.0ft (1.5m)	5.48	4.93	4.39	CALL
TRD815 __-7	Category 5e Patch Cord, RJ45/RJ45	7.0ft (2.1m)	6.62	5.96	5.30	CALL
TRD815 __-10	Category 5e Patch Cord, RJ45/RJ45	10.0ft (3.0m)	7.66	6.89	6.13	CALL
TRD815 __-14	Category 5e Patch Cord, RJ45/RJ45	14.0ft (4.3m)	9.83	8.85	7.87	CALL
TRD815 __-25	Category 5e Patch Cord, RJ45/RJ45	25.0ft (7.6m)	15.33	13.79	12.26	CALL
TRD815 __-50	Category 5e Patch Cord, RJ45/RJ45	50.0ft (15.2m)	27.24	24.52	21.79	CALL
TRD815 __-75	Category 5e Patch Cord, RJ45/RJ45	75.0ft (22.9m)	39.26	35.34	31.41	CALL
TRD815 __-100	Category 5e Patch Cord, RJ45/RJ45	100.0ft (30.4m)	51.18	46.06	40.94	CALL

Premium Category 5e RJ45 Molded Crossover Ethernet Patch Cords

Also designed for today's high-density patch panels, these unique Category 5e molded patch cords feature an easy to depress "shark fin" snagless molded boot that makes connecting cables effortless. The clear boot also allows the color of each cable to be easily

seen up to each port for easy cable identification. Each cable is crossover wired (EIA568A/B) for usage as either uplink connections or for direct connecting of two computers. Contact us today for all your patch cord needs.



Ordering is easy, add the desired color code to the part number Ex: TRD815CRBL-3

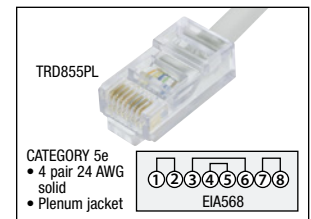
TRD815CR __-1	Cat5e 10/100Base-T Crossover Patch Cord, RJ45/RJ45	1.0ft (0.3m)	3.41	3.14	2.86	CALL
TRD815CR __-2	Cat5e 10/100Base-T Crossover Patch Cord, RJ45/RJ45	2.0ft (0.6m)	4.03	3.71	3.39	CALL
TRD815CR __-3	Cat5e 10/100Base-T Crossover Patch Cord, RJ45/RJ45	3.0ft (0.9m)	4.55	4.19	3.82	CALL
TRD815CR __-5	Cat5e 10/100Base-T Crossover Patch Cord, RJ45/RJ45	5.0ft (1.5m)	5.69	5.23	4.78	CALL
TRD815CR __-7	Cat5e 10/100Base-T Crossover Patch Cord, RJ45/RJ45	7.0ft (2.1m)	6.83	6.28	5.74	CALL
TRD815CR __-10	Cat5e 10/100Base-T Crossover Patch Cord, RJ45/RJ45	10.0ft (3.0m)	7.86	7.24	6.61	CALL
TRD815CR __-15	Cat5e 10/100Base-T Crossover Patch Cord, RJ45/RJ45	15.0ft (4.6m)	10.14	9.33	8.52	CALL
TRD815CR __-25	Cat5e 10/100Base-T Crossover Patch Cord, RJ45/RJ45	25.0ft (7.6m)	14.60	13.43	12.26	CALL

Item #	Description	Length	Color	1-9	10-24	25-99	100+
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Category 5e RJ45 to RJ45 Plenum Patch Cords - 4 Pair Solid for EIA568 Wiring

Designed for environments where PVC's combustive toxicity is restricted, L-com's Plenum Ethernet Cables provide the ideal alternative. The Category 5E rated plug and cable is designed for high-speed network systems. Ensure the protection of your investment by utilizing these L-com exclusive Plenum cables.

TRD855PL-1	Cat5e EIA568 Plenum Patch Cord, RJ45/RJ45	1.0ft (0.3m)	White	13.15	12.89	12.36	CALL
TRD855PL-2	Cat5e EIA568 Plenum Patch Cord, RJ45/RJ45	2.0ft (0.6m)	White	13.77	13.50	12.94	CALL
TRD855PL-3	Cat5e EIA568 Plenum Patch Cord, RJ45/RJ45	3.0ft (0.9m)	White	14.50	14.21	13.63	CALL
TRD855PL-5	Cat5e EIA568 Plenum Patch Cord, RJ45/RJ45	5.0ft (1.5m)	White	15.84	15.53	14.89	CALL
TRD855PL-7	Cat5e EIA568 Plenum Patch Cord, RJ45/RJ45	7.0ft (2.1m)	White	17.19	16.85	16.16	CALL
TRD855PL-10	Cat5e EIA568 Plenum Patch Cord, RJ45/RJ45	10.0ft (3.0m)	White	19.16	18.78	18.01	CALL
TRD855PL-15	Cat5e EIA568 Plenum Patch Cord, RJ45/RJ45	15.0ft (4.6m)	White	22.58	22.13	21.22	CALL
TRD855PL-25	Cat5e EIA568 Plenum Patch Cord, RJ45/RJ45	25.0ft (7.6m)	White	29.31	28.73	27.56	CALL
TRD855PL-50	Cat5e EIA568 Plenum Patch Cord, RJ45/RJ45	50.0ft (15.2m)	White	46.10	45.18	43.33	CALL
TRD855PL-75	Cat5e EIA568 Plenum Patch Cord, RJ45/RJ45	75.0ft (22.9m)	White	62.99	61.73	59.21	CALL
TRD855PL-100	Cat5e EIA568 Plenum Patch Cord, RJ45/RJ45	100.0ft (30.4m)	White	79.78	78.18	74.99	CALL
TRD855PL-150	Cat5e EIA568 Plenum Patch Cord, RJ45/RJ45	150.0ft (45.7m)	White	113.45	111.18	106.65	CALL
TRD855PL-200	Cat5e EIA568 Plenum Patch Cord, RJ45/RJ45	200.0ft (60.9m)	White	147.13	144.19	138.30	CALL
TRD855PL-250	Cat5e EIA568 Plenum Patch Cord, RJ45/RJ45	250.0ft (76.2m)	White	180.81	177.19	169.96	CALL
TRD855PL-300	Cat5e EIA568 Plenum Patch Cord, RJ45/RJ45	300.0ft (91.4m)	White	214.48	210.19	201.61	CALL



What is the difference between stranded and solid cable?

Online Video

L-com.com/Videos/A19

Premium Category 5e RJ45 Right Angle Ethernet Patch Cords

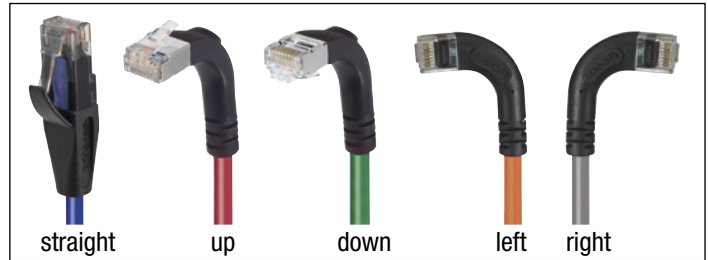
L-com's unique, patented design, right angle patch cables provide true Category 5e performance at an affordable price. These right angle Ethernet patch cables feature a specialized channel separator and load bar to achieve Category 5e performance while maintaining a right angle bend. L-com's right angle cables are superior to competitor's right angle assemblies.

We've tested it ourselves and the competitor's right angle cables do not pass Category 5e testing for NEXT or Return Loss since the twists of the individual pairs are not maintained through the strain relief and into the connector body. These industry first cables are perfect for use in tight fit applications and dense connectivity applications commonly found in data centers.

Choosing the correct orientation Right Angle for your specific need:

DIRECTION - Add Code

	Straight	Down	Up	Right	Left
Straight	N/A	RA1	RA2	RA7	RA6
Down	RA1	RA3	RA4	RA10	RA11
Up	RA2	RA4	RA5	RA12	RA13
Right	RA7	RA10	RA12	RA14	RA8
Left	RA6	RA11	RA13	RA8	RA9



Right Angle Direction

TRD815SRA10BLK-1

Series

Category

815 = Cat5e
695 = Cat6

JACKET/SHIELDING - Add Code

PVC: Industry standard jacket
LSZH: Free of harmful halogens if burned to protect people and valuable equipment.



Unshielded



Shielded

PVC Unshielded = no S
PVC Shielded = **S**
LSZH Unshielded = **Z***
LSZH Shielded = **SZ***

COLORS - Add Code

	BLK*
	BL
	GR
	OR
	RD*
	Y
	GRY*

LENGTHS - Add Code

Available off the shelf lengths in feet:
1, 2, 3, 5, 7, 10, 15, 20, 25 & 30

* LSZH types are only available in BLK, RD or GRY

	5E Unshielded (add color & length)	5E Shielded (add color & length)	5E Unshielded LSZH (add color* & length)	5E Shielded LSZH (add color* & length)	6 Unshielded (add color & length)	6 Shielded (add color & length)	6 Unshielded LSZH (add color* & length)	6 Shielded LSZH (add color* & length)
1 = Down-Straight	Blank	Blank	TRD815ZRA1_-	TRD815SZRA1_-	TRD695RA1_-	TRD695SRA1_-	TRD695ZRA1_-	TRD695SZRA1_-
2 = Up-Straight	TRD815RA2_-	TRD815SRA2_-	TRD815ZRA2_-	TRD815SZRA2_-	TRD695RA2_-	TRD695SRA2_-	TRD695ZRA2_-	TRD695SZRA2_-
3 = Down-Down	TRD815RA3_-	TRD815SRA3_-	TRD815ZRA3_-	TRD815SZRA3_-	TRD695RA3_-	TRD695SRA3_-	TRD695ZRA3_-	TRD695SZRA3_-
4 = Down-Up	TRD815RA4_-	TRD815SRA4_-	TRD815ZRA4_-	TRD815SZRA4_-	TRD695RA4_-	TRD695SRA4_-	TRD695ZRA4_-	TRD695SZRA4_-
5 = Up-Up	TRD815RA5_-	TRD815SRA5_-	TRD815ZRA5_-	TRD815SZRA5_-	TRD695RA5_-	TRD695SRA5_-	TRD695ZRA5_-	TRD695SZRA5_-
6 = Left-Straight	TRD815RA6_-	TRD815SRA6_-	TRD815ZRA6_-	TRD815SZRA6_-	TRD695RA6_-	TRD695SRA6_-	TRD695ZRA6_-	TRD695SZRA6_-
7 = Right-Straight	TRD815RA7_-	TRD815SRA7_-	TRD815ZRA7_-	TRD815SZRA7_-	TRD695RA7_-	TRD695SRA7_-	TRD695ZRA7_-	TRD695SZRA7_-
8 = Left-Right	TRD815RA8_-	TRD815SRA8_-	TRD815ZRA8_-	TRD815SZRA8_-	TRD695RA8_-	TRD695SRA8_-	TRD695ZRA8_-	TRD695SZRA8_-
9 = Left-Left	TRD815RA9_-	TRD815SRA9_-	TRD815ZRA9_-	TRD815SZRA9_-	TRD695RA9_-	TRD695SRA9_-	TRD695ZRA9_-	TRD695SZRA9_-
10 = Down-Right	TRD815RA10_-	TRD815SRA10_-	TRD815ZRA10_-	TRD815SZRA10_-	TRD695RA10_-	TRD695SRA10_-	TRD695ZRA10_-	TRD695SZRA10_-
11 = Down-Left	TRD815RA11_-	TRD815SRA11_-	TRD815ZRA11_-	TRD815SZRA11_-	TRD695RA11_-	TRD695SRA11_-	TRD695ZRA11_-	TRD695SZRA11_-
12 = Up-Right	TRD815RA12_-	TRD815SRA12_-	TRD815ZRA12_-	TRD815SZRA12_-	TRD695RA12_-	TRD695SRA12_-	TRD695ZRA12_-	TRD695SZRA12_-
13 = Up-Left	TRD815RA13_-	TRD815SRA13_-	TRD815ZRA13_-	TRD815SZRA13_-	TRD695RA13_-	TRD695SRA13_-	TRD695ZRA13_-	TRD695SZRA13_-
14 = Right-Right	TRD815RA14_-	TRD815SRA14_-	TRD815ZRA14_-	TRD815SZRA14_-	TRD695RA14_-	TRD695SRA14_-	TRD695ZRA14_-	TRD695SZRA14_-



Patented Design

Right Angle Cable
Options To Consider

Online Video

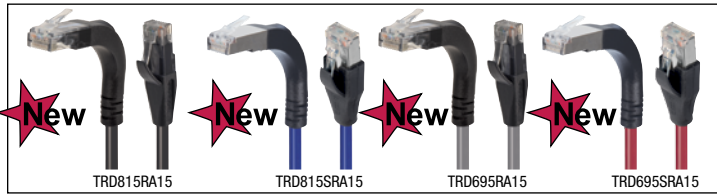
L-com.com/Videos/A33

Family List Prices - All colors and boot directions same price within each family.

Length	TRD695RA	TRD695SRA	TRD695ZRA	TRD695SZRA	TRD815RA	TRD815SRA	TRD815ZRA	TRD815SZRA
1 = 1.0ft (0.3m)	8.90	9.94	15.53	19.68	5.48	10.66	13.98	16.88
2 = 2.0ft (0.6m)	9.21	10.56	16.98	21.96	5.79	11.28	15.12	18.74
3 = 3.0ft (0.9m)	9.94	11.39	18.64	24.03	6.21	11.70	16.57	20.71
5 = 5.0ft (1.5m)	10.87	12.73	21.54	28.38	6.83	12.84	19.37	24.55
7 = 7.0ft (2.1m)	11.91	14.19	24.44	32.73	7.55	13.87	22.16	28.38
10 = 10.0ft (3.0m)	13.25	16.36	29.00	39.16	8.90	15.43	26.31	34.08
15 = 15.0ft (4.6m)	15.64	19.99	36.46	49.93	10.56	18.12	33.25	43.72
20 = 20.0ft (6.1m)	18.33	23.61	43.92	60.71	12.32	20.71	40.19	53.25
25 = 25.0ft (7.6m)	20.71	27.14	51.39	71.49	13.98	23.30	46.93	62.89
30 = 30.0ft (9.1m)	23.41	30.76	58.85	82.26	15.64	26.10	53.98	72.42

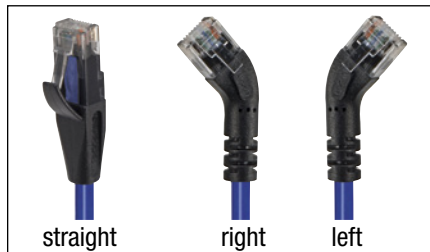
Premium Category 5e and 6 RJ45 90° Stackable Angle Ethernet Patch Cords

L-com's unique, patented, stackable right angle Ethernet cable assemblies provide true Category 5e and 6 performance at an affordable price. Our right angle Ethernet cable assemblies feature a specialized channel separator and load bar to achieve high performance while maintaining a right angle bend. Stackable Ethernet is designed to be used with L-com's standard 90 degree boot to "stak" the cables and achieve maximum panel density while allowing the cables to exit in the same direction. These cable assemblies are superior to competitor's right angle cable assemblies. L-com's industry first right angle Ethernet cables are perfect for use in tight fit applications and dense connectivity applications commonly found in data centers and enclosures. We offer Category 5e and 6 shielded and unshielded stackable right angle cable assemblies off the shelf.



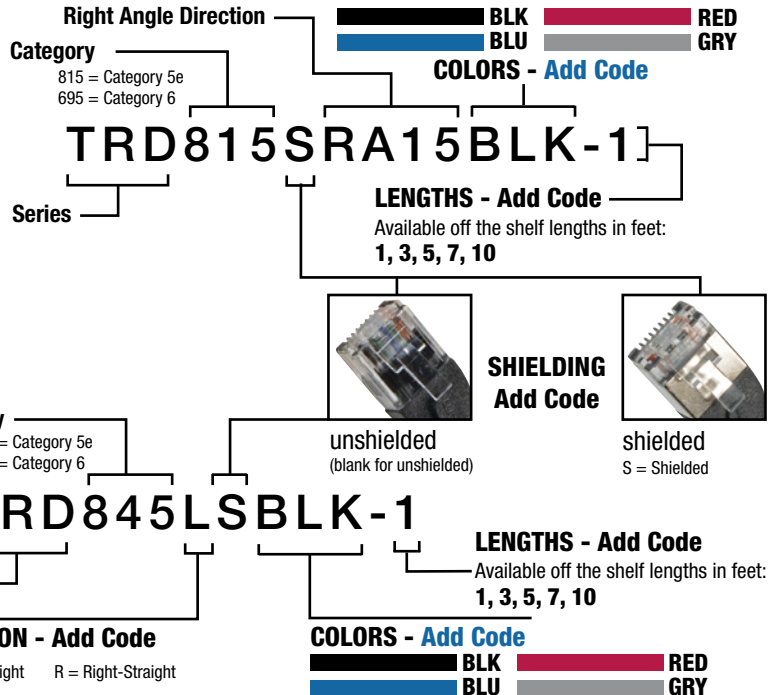
Premium Category 5e and 6 RJ45 45° Angle Ethernet Patch Cords

L-com's unique patented design, 45 degree angle patch cables provide true Cat5e and Cat6 performance at an affordable price. These angled Ethernet patch cables feature a specialized channel separator and load bar to achieve performance while maintaining a smooth bend. Add a professional look to your patch panels with neatly organized cable exits to the sides of a patch panel.



Family List Prices - All colors same price within each family.

Length	TRD815RA15	TRD815SRA15	TRD695RA15	TRD695SRA15
1 = 1.0ft (0.3m)	5.48	10.66	8.90	9.94
3 = 3.0ft (0.9m)	6.21	11.70	9.94	11.39
5 = 5.0ft (1.5m)	6.83	12.84	10.87	12.73
7 = 7.0ft (2.1m)	7.55	13.87	11.91	14.19
10 = 10.0ft (3.0m)	8.90	15.43	13.25	16.36



	5e Unshielded (add color & length)	5e Shielded (add color & length)	6 Unshielded (add color & length)	6 Shielded (add color & length)
L = Left-Straight	TRD845L _ _	TRD845LS _ _	TRD645L _ _	TRD645LS _ _
R = Right-Straight	TRD845R _ _	TRD845RS _ _	TRD645R _ _	TRD645RS _ _

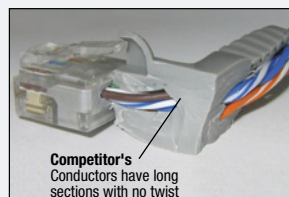
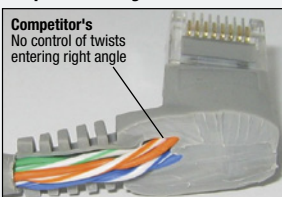
Family List Prices - All colors and boot directions same price within each family.

Length	TRD845L	TRD845LS	TRD845R	TRD845RS	TRD645L	TRD645LS	TRD645R	TRD645RS
1 = 1.0ft (0.3m)	8.28	9.83	8.28	9.83	9.32	11.39	9.32	11.39
3 = 3.0ft (0.9m)	8.80	10.87	8.80	10.87	9.83	12.42	9.83	12.42
5 = 5.0ft (1.5m)	9.32	11.91	9.32	11.91	10.87	13.46	10.87	13.46
7 = 7.0ft (2.1m)	9.83	12.42	9.83	12.42	11.39	15.01	11.39	15.01
10 = 10.0ft (3.0m)	10.87	13.98	10.87	13.98	12.42	16.57	12.42	16.57

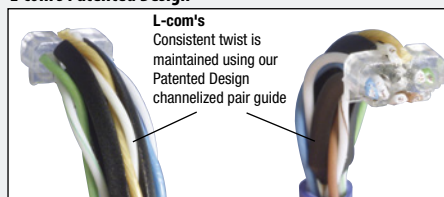
What makes L-com's Right Angle Category 5e cable design superior?

Our competitors' right angle cable designs are inferior as they do not maintain the proper pair twists as the cable enters the right angle. These cables have no mechanism for controlling the twisted pairs as they travel through the right angle strain relief. We tested these cables ourselves and they do not pass Cat5e testing for NEXT or Return Loss.

Competitors' Design



L-com's Patented Design



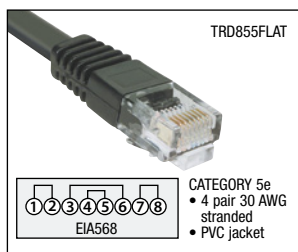
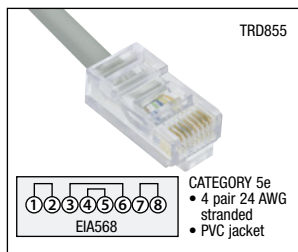
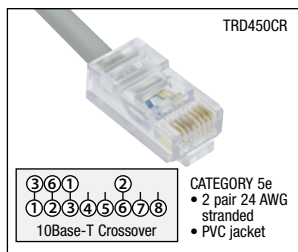
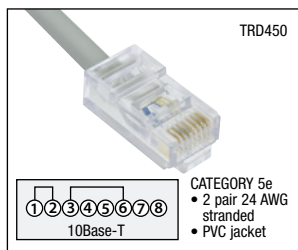
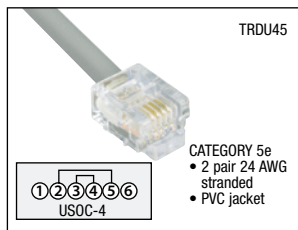
Right Angle Cable Options To Consider

Online Video

L-com.com/Videos/A33



Unshielded Patch Cords



Item #	Description	Color	1-9	10-24	25-99	100+
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Unshielded Twisted Pair Patch Cords - Category 5e, For Most Network Environments

L-com offers the high quality Category 5e patch cords for use in today's rapidly changing network environments. Category 5e calls for 100 MHz bandwidth @ 100 Mbps data rate which is currently more than adequate for standard Ethernet environments. Unshielded assemblies are manufactured with UL Listed 24 AWG stranded cable with PVC jacket. Plugs have 50 microinches (1.27µm) of gold; assemblies tested 100% prior to shipping.

Category 5e RJ11 to RJ11 Patch Cords - 2 Pair Stranded for 4 and 16 Mb Token Ring

TRDU45-2	Cat5e USOC-4 Patch Cord, RJ11/RJ11, 2.0ft (0.6m)	Beige	3.62	3.40	3.18	CALL
TRDU45-3	Cat5e USOC-4 Patch Cord, RJ11/RJ11, 3.0ft (0.9m)	Beige	3.93	3.69	3.46	CALL
TRDU45-5	Cat5e USOC-4 Patch Cord, RJ11/RJ11, 5.0ft (1.5m)	Beige	4.45	4.18	3.91	CALL
TRDU45-7	Cat5e USOC-4 Patch Cord, RJ11/RJ11, 7.0ft (2.1m)	Beige	4.96	4.67	4.37	CALL
TRDU45-10	Cat5e USOC-4 Patch Cord, RJ11/RJ11, 10.0ft (3.0m)	Beige	5.69	5.35	5.01	CALL
TRDU45-15	Cat5e USOC-4 Patch Cord, RJ11/RJ11, 15.0ft (4.6m)	Beige	7.04	6.61	6.19	CALL
TRDU45-25	Cat5e USOC-4 Patch Cord, RJ11/RJ11, 25.0ft (7.6m)	Beige	9.63	9.05	8.47	CALL
TRDU45-50	Cat5e USOC-4 Patch Cord, RJ11/RJ11, 50.0ft (15.2m)	Beige	16.05	15.09	14.12	CALL
TRDU45-100	Cat5e USOC-4 Patch Cord, RJ11/RJ11, 100.0ft (30.4m)	Beige	29.00	27.26	25.52	CALL

Twisted Pair Pinning: 2 & 5, 3 & 4.

Category 5e RJ45 to RJ45 Patch Cords - 2 Pair Stranded 24 AWG for Ethernet

TRD450-2	Cat5e 10Base-T Patch Cord, RJ45/RJ45, 2.0ft (0.6m)	Beige	5.48	5.15	4.82	CALL
TRD450-3	Cat5e 10Base-T Patch Cord, RJ45/RJ45, 3.0ft (0.9m)	Beige	5.79	5.44	5.10	CALL
TRD450-5	Cat5e 10Base-T Patch Cord, RJ45/RJ45, 5.0ft (1.5m)	Beige	6.31	5.93	5.55	CALL
TRD450-7	Cat5e 10Base-T Patch Cord, RJ45/RJ45, 7.0ft (2.1m)	Beige	6.83	6.42	6.01	CALL
TRD450-10	Cat5e 10Base-T Patch Cord, RJ45/RJ45, 10.0ft (3.0m)	Beige	7.55	7.10	6.65	CALL
TRD450-15	Cat5e 10Base-T Patch Cord, RJ45/RJ45, 15.0ft (4.6m)	Beige	8.90	8.37	7.83	CALL
TRD450-25	Cat5e 10Base-T Patch Cord, RJ45/RJ45, 25.0ft (7.6m)	Beige	11.49	10.80	10.11	CALL
TRD450-50	Cat5e 10Base-T Patch Cord, RJ45/RJ45, 50.0ft (15.2m)	Beige	18.64	17.52	16.40	CALL
TRD450-100	Cat5e 10Base-T Patch Cord, RJ45/RJ45, 100.0ft (30.4m)	Beige	32.53	30.57	28.62	CALL

Twisted Pair Pinning: 1 & 2, 3 & 6.

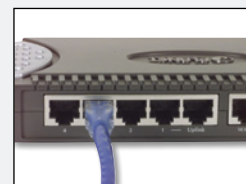
Category 5e RJ45 to RJ45 Crossover Patch Cords - 2 Pair Stranded for Ethernet Hub Stacking

TRD450CR-2	Cat5e 10Base-T Crossover Patch Cord, RJ45/RJ45, 2.0ft (0.6m)	Beige	5.48	5.15	4.82	CALL
TRD450CR-3	Cat5e 10Base-T Crossover Patch Cord, RJ45/RJ45, 3.0ft (0.9m)	Beige	5.79	5.44	5.10	CALL
TRD450CR-5	Cat5e 10Base-T Crossover Patch Cord, RJ45/RJ45, 5.0ft (1.5m)	Beige	6.31	5.93	5.55	CALL
TRD450CR-7	Cat5e 10Base-T Crossover Patch Cord, RJ45/RJ45, 7.0ft (2.1m)	Beige	6.83	6.42	6.01	CALL
TRD450CR-10	Cat5e 10Base-T Crossover Patch Cord, RJ45/RJ45, 10.0ft (3.0m)	Beige	7.55	7.10	6.65	CALL
TRD450CR-15	Cat5e 10Base-T Crossover Patch Cord, RJ45/RJ45, 15.0ft (4.6m)	Beige	8.90	8.37	7.83	CALL
TRD450CR-25	Cat5e 10Base-T Crossover Patch Cord, RJ45/RJ45, 25.0ft (7.6m)	Beige	11.49	10.80	10.11	CALL
TRD450CR-50	Cat5e 10Base-T Crossover Patch Cord, RJ45/RJ45, 50.0ft (15.2m)	Beige	18.64	17.52	16.40	CALL
TRD450CR-100	Cat5e 10Base-T Crossover Patch Cord, RJ45/RJ45, 100.0ft (30.4m)	Beige	32.53	30.57	28.62	CALL

1 & 2, 3 & 6 Crossover allows Ethernet Hub Stacking.

Tip Which patch cords are best for a 10/100 Mbps Ethernet network?

Any of the TRD815 series patch cords found on page 49 will work effectively for ethernet networks. Choosing different colors for separate network segments in your wiring closet makes troubleshooting quick and easy.



Category 5e RJ45 to RJ45 Patch Cords - 4 Pair Stranded for EIA568 Wiring

TRD855-1	Cat5e EIA568 Patch Cord, RJ45/RJ45, 1.0ft (0.3m)	Beige	2.06	2.00	1.94	CALL
TRD855-2	Cat5e EIA568 Patch Cord, RJ45/RJ45, 2.0ft (0.6m)	Beige	2.37	2.30	2.23	CALL
TRD855-3	Cat5e EIA568 Patch Cord, RJ45/RJ45, 3.0ft (0.9m)	Beige	2.79	2.70	2.62	CALL
TRD855-5	Cat5e EIA568 Patch Cord, RJ45/RJ45, 5.0ft (1.5m)	Beige	3.41	3.31	3.20	CALL
TRD855-7	Cat5e EIA568 Patch Cord, RJ45/RJ45, 7.0ft (2.1m)	Beige	4.13	4.01	3.89	CALL
TRD855-10	Cat5e EIA568 Patch Cord, RJ45/RJ45, 10.0ft (3.0m)	Beige	5.17	5.02	4.86	CALL
TRD855-15	Cat5e EIA568 Patch Cord, RJ45/RJ45, 15.0ft (4.6m)	Beige	6.93	6.72	6.52	CALL
TRD855-25	Cat5e EIA568 Patch Cord, RJ45/RJ45, 25.0ft (7.6m)	Beige	10.35	10.04	9.73	CALL
TRD855-50	Cat5e EIA568 Patch Cord, RJ45/RJ45, 50.0ft (15.2m)	Beige	19.06	18.48	17.91	CALL
TRD855-100	Cat5e EIA568 Patch Cord, RJ45/RJ45, 100.0ft (30.4m)	Beige	36.36	35.27	34.18	CALL

Twisted Pair Pinning: 1 & 2, 3 & 6, 4 & 5, 7 & 8

Category 5e RJ45 to RJ45 Flat Patch Cords - 4 Pair for Ethernet

L-com's flat Category 5e cable assemblies allow network runs in small places where traditional cables would not fit. Built with 30 AWG conductors, they are perfect for running under carpet or other tight spots.

TRD855FLAT-1	Cat5e Flat Patch Cord, RJ45/RJ45, 1.0ft (0.3m)	Black	2.99	2.87	2.76	CALL
TRD855FLAT-3	Cat5e Flat Patch Cord, RJ45/RJ45, 3.0ft (0.9m)	Black	3.82	3.67	3.52	CALL
TRD855FLAT-5	Cat5e Flat Patch Cord, RJ45/RJ45, 5.0ft (1.5m)	Black	4.65	4.47	4.28	CALL
TRD855FLAT-7	Cat5e Flat Patch Cord, RJ45/RJ45, 7.0ft (2.1m)	Black	5.48	5.26	5.04	CALL
TRD855FLAT-10	Cat5e Flat Patch Cord, RJ45/RJ45, 10.0ft (3.0m)	Black	6.72	6.46	6.19	CALL
TRD855FLAT-15	Cat5e Flat Patch Cord, RJ45/RJ45, 15.0ft (4.6m)	Black	8.80	8.45	8.09	CALL
TRD855FLAT-20	Cat5e Flat Patch Cord, RJ45/RJ45, 20.0ft (6.1m)	Black	10.87	10.43	10.00	CALL
TRD855FLAT-25	Cat5e Flat Patch Cord, RJ45/RJ45, 25.0ft (7.6m)	Black	12.94	12.42	11.91	CALL
TRD855FLAT-30	Cat5e Flat Patch Cord, RJ45/RJ45, 30.0ft (9.1m)	Black	15.01	14.41	13.81	CALL
TRD855FLAT-40	Cat5e Flat Patch Cord, RJ45/RJ45, 40.0ft (12.2m)	Black	19.16	18.39	17.63	CALL
TRD855FLAT-50	Cat5e Flat Patch Cord, RJ45/RJ45, 50.0ft (15.2m)	Black	23.30	22.37	21.44	CALL
TRD855FLAT-75	Cat5e Flat Patch Cord, RJ45/RJ45, 75.0ft (22.9m)	Black	33.67	32.32	30.97	CALL
TRD855FLAT-100	Cat5e Flat Patch Cord, RJ45/RJ45, 100.0ft (30.4m)	Black	44.03	42.27	40.51	CALL

Twisted Pair Pinning: 1 & 2, 3 & 6, 4 & 5, 7 & 8

Item #	Description	Length	1-9	10-24	25-99	100+
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Category 5e and 6 Network Extension Cables

L-com's unique network extension cables offer the perfect solution for extending an Ethernet network cable to the outside of an enclosure or by making a hard to reach port more accessible. Available in either Category 5e or Category 6, shielded or un-shielded, these cables are up to the task for your high demand data tasks. These extensions feature either a panel mountable flange or an inline flange-free design.

- Category 5e or Category 6 Network Extension Cables
- Available either with or without a panel mountable flange
- Choose either Unshielded (UTP) or Shielded (F/UTP)
- Feature L-com's unique snag-less molded plugs
- Standard lengths up to 25ft (7.6m) or call for custom options

Category 5e Non-Shielded Non-Flanged Extension Cables

TRDC5EXT-3	Category 5e RJ45 Extension Cable	3.0ft (0.9m)	14.45	13.30	12.14	CALL
TRDC5EXT-5	Category 5e RJ45 Extension Cable	5.0ft (1.5m)	15.39	14.16	12.93	CALL
TRDC5EXT-7	Category 5e RJ45 Extension Cable	7.0ft (2.1m)	17.51	16.11	14.71	CALL
TRDC5EXT-10	Category 5e RJ45 Extension Cable	10.0ft (3.0m)	17.82	16.40	14.97	CALL
TRDC5EXT-15	Category 5e RJ45 Extension Cable	15.0ft (4.6m)	20.15	18.54	16.93	CALL
TRDC5EXT-25	Category 5e RJ45 Extension Cable	25.0ft (7.6m)	24.45	22.50	20.54	CALL



TRDC5EXT

Category 5e Shielded Non-Flanged Extension Cables

TRDC5EXTS-3	Category 5e RJ45 Shielded Extension Cable	3.0ft (0.9m)	17.25	15.87	14.49	CALL
TRDC5EXTS-5	Category 5e RJ45 Shielded Extension Cable	5.0ft (1.5m)	18.39	16.92	15.45	CALL
TRDC5EXTS-7	Category 5e RJ45 Shielded Extension Cable	7.0ft (2.1m)	20.72	19.07	17.41	CALL
TRDC5EXTS-10	Category 5e RJ45 Shielded Extension Cable	10.0ft (3.0m)	21.35	19.64	17.93	CALL
TRDC5EXTS-15	Category 5e RJ45 Shielded Extension Cable	15.0ft (4.6m)	24.14	22.21	20.28	CALL
TRDC5EXTS-25	Category 5e RJ45 Shielded Extension Cable	25.0ft (7.6m)	29.38	27.03	24.68	CALL



TRDC5EXTS

Category 6 Non-Shielded Non-Flanged Extension Cables

TRDC6EXT-3	Category 6 RJ45 Extension Cable	3.0ft (0.9m)	14.77	13.58	12.40	CALL
TRDC6EXT-5	Category 6 RJ45 Extension Cable	5.0ft (1.5m)	15.91	14.63	13.36	CALL
TRDC6EXT-7	Category 6 RJ45 Extension Cable	7.0ft (2.1m)	18.24	16.78	15.32	CALL
TRDC6EXT-10	Category 6 RJ45 Extension Cable	10.0ft (3.0m)	18.81	17.30	15.80	CALL
TRDC6EXT-15	Category 6 RJ45 Extension Cable	15.0ft (4.6m)	21.60	19.88	18.15	CALL
TRDC6EXT-25	Category 6 RJ45 Extension Cable	25.0ft (7.6m)	26.89	24.74	22.59	CALL

Category 6 Shielded Non-Flanged Extension Cables

TRDC6EXTS-3	Category 6 RJ45 Shielded Extension Cable	3.0ft (0.9m)	16.68	15.35	14.01	CALL
TRDC6EXTS-5	Category 6 RJ45 Shielded Extension Cable	5.0ft (1.5m)	18.03	16.59	15.15	CALL
TRDC6EXTS-7	Category 6 RJ45 Shielded Extension Cable	7.0ft (2.1m)	20.67	19.02	17.36	CALL
TRDC6EXTS-10	Category 6 RJ45 Shielded Extension Cable	10.0ft (3.0m)	21.60	19.88	18.15	CALL
TRDC6EXTS-15	Category 6 RJ45 Shielded Extension Cable	15.0ft (4.6m)	25.13	23.12	21.11	CALL
TRDC6EXTS-25	Category 6 RJ45 Shielded Extension Cable	25.0ft (7.6m)	31.60	29.08	26.55	CALL



TRDC6EXTS

Category 5e Non-Shielded Flanged Extension Cables

TRDC5EXTF-3	Category 5e RJ45 Extension Cable	3.0ft (0.9m)	15.85	14.59	13.32	CALL
TRDC5EXTF-5	Category 5e RJ45 Extension Cable	5.0ft (1.5m)	16.79	15.44	14.10	CALL
TRDC5EXTF-7	Category 5e RJ45 Extension Cable	7.0ft (2.1m)	18.96	17.45	15.93	CALL
TRDC5EXTF-10	Category 5e RJ45 Extension Cable	10.0ft (3.0m)	19.22	17.68	16.15	CALL
TRDC5EXTF-15	Category 5e RJ45 Extension Cable	15.0ft (4.6m)	21.55	19.83	18.10	CALL
TRDC5EXTF-25	Category 5e RJ45 Extension Cable	25.0ft (7.6m)	25.85	23.78	21.72	CALL

Category 5e Shielded Flanged Extension Cables

TRDC5EXTSF-3	Category 5e RJ45 Shielded Extension Cable	3.0ft (0.9m)	17.36	15.97	14.58	CALL
TRDC5EXTSF-5	Category 5e RJ45 Shielded Extension Cable	5.0ft (1.5m)	18.50	17.02	15.54	CALL
TRDC5EXTSF-7	Category 5e RJ45 Shielded Extension Cable	7.0ft (2.1m)	20.88	19.21	17.54	CALL
TRDC5EXTSF-10	Category 5e RJ45 Shielded Extension Cable	10.0ft (3.0m)	21.45	19.73	18.02	CALL
TRDC5EXTSF-15	Category 5e RJ45 Shielded Extension Cable	15.0ft (4.6m)	24.30	22.35	20.41	CALL
TRDC5EXTSF-25	Category 5e RJ45 Shielded Extension Cable	25.0ft (7.6m)	29.53	27.17	24.81	CALL



TRDC5EXTF

Category 6 Non-Shielded Flanged Extension Cables

TRDC6EXTF-3	Category 6 RJ45 Extension Cable	3.0ft (0.9m)	16.16	14.87	13.58	CALL
TRDC6EXTF-5	Category 6 RJ45 Extension Cable	5.0ft (1.5m)	17.30	15.92	14.54	CALL
TRDC6EXTF-7	Category 6 RJ45 Extension Cable	7.0ft (2.1m)	19.69	18.11	16.54	CALL
TRDC6EXTF-10	Category 6 RJ45 Extension Cable	10.0ft (3.0m)	20.21	18.59	16.97	CALL
TRDC6EXTF-15	Category 6 RJ45 Extension Cable	15.0ft (4.6m)	23.06	21.21	19.37	CALL
TRDC6EXTF-25	Category 6 RJ45 Extension Cable	25.0ft (7.6m)	28.29	26.03	23.76	CALL



TRDC6EXTF

Category 6 Shielded Flanged Extension Cables

TRDC6EXTSF-3	Category 6 RJ45 Shielded Extension Cable	3.0ft (0.9m)	17.77	16.35	14.93	CALL
TRDC6EXTSF-5	Category 6 RJ45 Shielded Extension Cable	5.0ft (1.5m)	19.17	17.64	16.10	CALL
TRDC6EXTSF-7	Category 6 RJ45 Shielded Extension Cable	7.0ft (2.1m)	21.81	20.07	18.32	CALL
TRDC6EXTSF-10	Category 6 RJ45 Shielded Extension Cable	10.0ft (3.0m)	22.74	20.93	19.11	CALL
TRDC6EXTSF-15	Category 6 RJ45 Shielded Extension Cable	15.0ft (4.6m)	26.22	24.12	22.02	CALL
TRDC6EXTSF-25	Category 6 RJ45 Shielded Extension Cable	25.0ft (7.6m)	32.80	30.17	27.55	CALL



Tip What does transversely sealed mean?

Did you know that all of L-com's new ruggedized RJ45 jam-nuts, flanges and in-line receptacles are transversely sealed? As the name implies, this means that they are waterproof. The parts meet or exceed IP-68 rating with or without dust covers or mated connectors engaged with the receptacle. The plugs and jacks are waterproof even without a mated cap or connector when submerged under 1 meter of water for up to two days. Your equipment will not be at risk from moisture or dust even if you lose or forget the dust cap.



Item #	Description	List Price
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Ruggedized RJ45 Plugs and Jacks:

In today's world of high-speed communications, Ethernet has become the standard platform for all voice, video and data services. L-com's ruggedized family of RJ45 plugs and receptacles provide an efficient, comprehensive and affordable solution to Ethernet connectivity for harsh and environmentally challenged applications. These parts feature 100% transversely sealed (IP-68) configurations as a standard product design, preventing dust, water and moisture penetration, with or without dust cap or plug engagement. The ruggedized parts offer comprehensive shielding and grounding effectiveness capable of sustaining higher data transmission rates as well as Electro-Magnetic Conductance (EMC) for Military applications (only Zinc-Nickel finished parts offer EMC grounding). Suggested areas of usage include Data, VOIP, IPTV in harsh environments, 10/100/1000 Base-T networks, battlefield communication systems, industrial process control, data acquisition and control, factory environments, radar systems, railways and shelters among other things.

Ruggedized RJ45 Plugs

L-com's ruggedized RJ45 plugs are designed to integrate with other ruggedized jam-nuts, flange mounts and in-line receptacles. Special compressive fittings allow these plugs to work with shielded or unshielded cable. A compression nut establishes 10lb of cable strain relief establishing robust cable strength. Internal conductive compression is used to interoperate with the cable braid to form a 360° ground plane. Plugs are available with or without dust caps. Ruggedize your plugs for harsh environmental applications today.

ECRA0211UA0	Ruggedized RJ45 Plug, Anodized Finish, Fits Cable OD .190-.270 inches (0.5cm-0.7cm)	69.62
ECRA0213UA0	Ruggedized RJ45 Plug, Zinc-Nickel Finish, Fits Cable OD .190-.270 inches (0.5cm-0.7cm)	80.50
ECRA4211UA0	Ruggedized RJ45 Plug, Anodized Finish with Dust Cap, Fits Cable OD .190-.270 inches (0.5cm-0.7cm)	97.91
ECRA4213UA0	Ruggedized RJ45 Plug, Zinc-Nickel Finish with Dust Cap, Fits Cable OD .190-.270 inches (0.5cm-0.7cm)	108.79
ECRA0211UB0	Ruggedized RJ45 Plug, Anodized Finish, Fits Cable OD .271-.330 inches (0.7cm-0.8cm)	69.62
ECRA0213UB0	Ruggedized RJ45 Plug, Zinc-Nickel Finish, Fits Cable OD .271-.330 inches (0.7cm-0.8cm)	97.91
ECRA4211UB0	Ruggedized RJ45 Plug, Anodized Finish with Dust Cap, Fits Cable OD .271-.330 inches (0.7cm-0.8cm)	97.91
ECRA4213UB0	Ruggedized RJ45 Plug, Zinc-Nickel Finish with Dust Cap, Fits Cable OD .271-.330 inches (0.7cm-0.8cm)	108.79

Ruggedized RJ45 In-line Receptacle

These ruggedized RJ45 receptacles are transversely sealed with no mate but also designed to work with L-com's line of ruggedized RJ45 plugs. Choose your RJ45 plug and bulk cable from L-com's wide selection.

ECRP5103UA0	Ruggedized RJ45 Recept., Zinc-Nickel Finish w/ Grounding Shield & Dust Cap, Fits Cable OD .190-.270 inches (0.5cm-0.7cm)	108.79
ECRP5201UA0	Ruggedized RJ45 Receptacle, Anodized Finish with Dust Cap, Fits Cable OD .190-.270 inches (0.5cm-0.7cm)	92.42
ECRP5103UB0	Ruggedized RJ45 Recept., Zinc-Nickel Finish w/ Grounding Shield & Dust Cap, Fits Cable OD .271-.330 inches (0.7cm-0.8cm)	114.18
ECRP5201UB0	Ruggedized RJ45 Receptacle, Anodized Finish with Dust Cap, Fits Cable OD .271-.330 inches (0.7cm-0.8cm)	92.42

Ruggedized RJ45 Receptacles

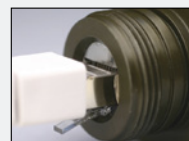
These ruggedized RJ45 receptacles are transversely sealed for complete moisture and dust protection. L-com's ECRD line provides both the Flange mount and sealing gasket. The ECRH line comes with full mounting hardware including bracket, self-sealing mounting screws, and O-rings for an easy installation. The ECRK line is a simple D-hole jam nut and requires no additional hardware for mounting and the ECRJ line fits a D38999/24 and M83723/60 cutout. See L-com.com for our full line of harsh environment products.

ECRD0103U00	Ruggedized Flange Mount, Zinc-Nickel Finish with Grounding Shield	54.39
ECRD0201U00	Ruggedized Flange Mount, Anodized Finish	40.19
ECRD0203U00	Ruggedized Flange Mount, Zinc-Nickel Finish	46.72
ECRD3103U00	Ruggedized Flange Mount, Zinc-Nickel Finish with Grounding Shield and Dust Cap	76.15
ECRD3201U00	Ruggedized Flange Mount, Anodized Finish with Dust Cap	61.95
ECRD3203U00	Ruggedized Flange Mount, Zinc-Nickel Finish with Dust Cap	69.62
ECRH0103U00	Ruggedized Flange Mount, Zinc-Nickel Finish with Grounding Shield and Mounting Hardware	63.09
ECRH0201U00	Ruggedized Flange Mount, Anodized Finish with Mounting Hardware	50.04
ECRH0203U00	Ruggedized Flange Mount, Zinc-Nickel Finish with Mounting Hardware	56.57
ECRH3103U00	Ruggedized Flange Mount, Zinc-Nickel Finish with Grounding Shield, Mounting Hardware and Dust Cap	87.03
ECRH3201U00	Ruggedized Flange Mount, Anodized Finish with Mounting Hardware and Dust Cap	73.97
ECRH3203U00	Ruggedized Flange Mount, Zinc-Nickel Finish with Mounting Hardware and Dust Cap	81.54
ECRK0103U00	Ruggedized Jam-nut, Zinc-Nickel Finish with Grounding Shield	63.09
ECRK0201U00	Ruggedized Jam-nut, Anodized Finish	46.72
ECRK0203U00	Ruggedized Jam-nut, Zinc-Nickel Finish	53.25
ECRK2103U00	Ruggedized Jam-nut, Zinc-Nickel Finish with Grounding Shield and Dust Cap	96.77
ECRK2201U00	Ruggedized Jam-nut, Anodized Finish with Dust Cap	76.15
ECRK2203U00	Ruggedized Jam-nut, Zinc-Nickel Finish with Dust Cap	85.89
ECRJ0203U00	Ruggedized Jam-nut, Zinc-Nickel for D38999/24 or M83723/60 cutout	63.09

Tip Grounding RJ45 ruggedized jacks

Many applications that require the use of higher data rates require proper grounding and shielding. To address this, L-com offers our Zinc-Nickel finished line of RJ45 Ruggedized jacks which are designed to establish sufficient grounding between shielded cord sets and chassis ground. They also provide EMC/EMI shielding for applications

where immunity to electromagnetic interference is crucial. The parts provide <0.033Ω for shielded cable to cable or cable to ground use. This is accomplished using a grounding plate, conductive O-ring and gasket. The parts adhere to and are tested to IAW MIL-STD-461F, RS103 for EMI emission and susceptibility.



EMC Shroud (front view)
— conductive surface with shielded cable and receptacle or chassis ground



EMC Shroud (rear view)
— conductive surface with shielded cable

Category 5e Ruggedized RJ45 Assemblies with FR-TPE Outdoor Rated Cable

L-com is proud to offer assemblies using our IP68 rated ruggedized RJ45 plugs and jacks in various combinations. Each cable is built using CMX Outdoor Rated, double-shielded industrial cable for the most durable Category 5e cable L-com has ever offered. Please see our custom cable configurator on L-com.com to create your own custom length variations. All ruggedized jacks and plugs come with dust caps. New armored versions have 1,500 PSI crush resistance. Call today for assistance.



Ordering is easy, add the desired number of the style code into the part number. Ex: TRD8RG6-01, Plug to Jack, Anodized finish, 1m in length

Item #	Description	Length	List Price
TRD8RG5-01	Ruggedized Category 5e Assembly with FR-TPE Outdoor Rated Cable and Dust Caps	1.0m	401.62
TRD8RG5-02	Ruggedized Category 5e Assembly with FR-TPE Outdoor Rated Cable and Dust Caps	2.0m	406.49
TRD8RG5-03	Ruggedized Category 5e Assembly with FR-TPE Outdoor Rated Cable and Dust Caps	3.0m	411.15
TRD8RG5-05	Ruggedized Category 5e Assembly with FR-TPE Outdoor Rated Cable and Dust Caps	5.0m	420.89
TRD8RG5-10	Ruggedized Category 5e Assembly with FR-TPE Outdoor Rated Cable and Dust Caps	10.0m	444.83

Category 5e Ruggedized RJ45 Assemblies with Armored Cable

The TRD8RGMT line is the most rugged and durable Cat5e assemblies L-com has ever offered. Designed for use in outdoor, industrial and military applications where the harshest environments exist, these cables are built using our IP68, transversely sealed, ruggedized RJ45 plugs and jacks. The Category 5e cable used in the assemblies is double shielded, high-flex, UV and Oil resistant and made with a FR-TPE (Flame Retardant Thermoplastic Elastomer) jacket that is CMX outdoor rated. Superior shielding of both the cable and connectors ensures higher data transmission rates up to Gigabit Ethernet speeds. These cables offer complete moisture, dust, oil and UV protection for your military, outdoor or industrial application. Custom lengths are available for special projects with no min buy.



Ordering is easy, add the desired number of the style code into the part number. Ex: TRD8RGMT6-01, Plug to Jack, Anodized finish, 1m in length

TRD8RGMT5-01	Ruggedized Category 5e Assembly with FR-TPE Outdoor Rated Cable and Dust Caps	1.0m	875.89
TRD8RGMT5-02	Ruggedized Category 5e Assembly with FR-TPE Outdoor Rated Cable and Dust Caps	2.0m	900.86
TRD8RGMT5-03	Ruggedized Category 5e Assembly with FR-TPE Outdoor Rated Cable and Dust Caps	3.0m	925.94
TRD8RGMT5-05	Ruggedized Category 5e Assembly with FR-TPE Outdoor Rated Cable and Dust Caps	5.0m	975.99
TRD8RGMT5-10	Ruggedized Category 5e Assembly with FR-TPE Outdoor Rated Cable and Dust Caps	10.0m	1101.06



Item #	Description	1-9	10-24	25-99	100+
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M12 Economy D-Coded 4 Position Cables for Ethernet and Fieldbus Applications

L-com offers popular 22 AWG 2-pair, 4 Position, D-coded M12 cable assemblies for use in Ethernet and fieldbus applications. We stock multiple configurations including male to male, male to female and male (straight) to male (right angle), as well as male M12 to RJ45 plug styles. These robust assemblies are 100% factory tested and feature UV and chemical resistant PUR jackets. Applications for these assemblies include manufacturing, process control, factory automation and more.

M12 Economy 4 Position D-Coded Male to Male Cable Assemblies

M12M124D-0.5	M12 Economy 4 Position D-Coded Male/Male Cable Assembly, 0.5m	13.82	13.55	13.27	CALL
M12M124D-1	M12 Economy 4 Position D-Coded Male/Male Cable Assembly, 1.0m	14.89	14.59	14.29	CALL
M12M124D-2	M12 Economy 4 Position D-Coded Male/Male Cable Assembly, 2.0m	17.02	16.68	16.34	CALL
M12M124D-3	M12 Economy 4 Position D-Coded Male/Male Cable Assembly, 3.0m	19.16	18.78	18.39	CALL
M12M124D-5	M12 Economy 4 Position D-Coded Male/Male Cable Assembly, 5.0m	21.29	20.87	20.44	CALL

M12 Economy 4 Position D-Coded Male to Female Cable Assemblies

M12M12F4D-0.5	M12 Economy 4 Position D-Coded Male/Female Cable Assembly, 0.5m	15.96	15.64	15.32	CALL
M12M12F4D-1	M12 Economy 4 Position D-Coded Male/Female Cable Assembly, 1.0m	17.02	16.68	16.34	CALL
M12M12F4D-2	M12 Economy 4 Position D-Coded Male/Female Cable Assembly, 2.0m	19.16	18.78	18.39	CALL
M12M12F4D-3	M12 Economy 4 Position D-Coded Male/Female Cable Assembly, 3.0m	21.29	20.87	20.44	CALL
M12M12F4D-5	M12 Economy 4 Position D-Coded Male/Female Cable Assembly, 5.0m	24.50	24.01	23.52	CALL

M12 Economy 4 Position D-Coded Male to RJ45 Male Cable Assemblies

M12RJ454D-0.5	M12 Economy 4 Position D-Coded Male/RJ45 Male Cable Assembly, 0.5m	13.82	13.55	13.27	CALL
M12RJ454D-1	M12 Economy 4 Position D-Coded Male/RJ45 Male Cable Assembly, 1.0m	14.89	14.59	14.29	CALL
M12RJ454D-2	M12 Economy 4 Position D-Coded Male/RJ45 Male Cable Assembly, 2.0m	19.16	18.78	18.39	CALL
M12RJ454D-3	M12 Economy 4 Position D-Coded Male/RJ45 Male Cable Assembly, 3.0m	23.43	22.96	22.49	CALL
M12RJ454D-5	M12 Economy 4 Position D-Coded Male/RJ45 Male Cable Assembly, 5.0m	33.03	32.37	31.71	CALL

M12 D-Coded 4 Position Panel, PCB and Solder Style Connectors

L-com offers a line of D-Coded 4 Position M12 connectors for enclosure, panel and PCB applications. These quality constructed connectors provide years of trouble free use in the most trying applications. These M12 connectors are offered in both male and female versions and are rated to IP68.

M12 D-Coded Panel Mount Connectors

CON-M124PM	M12 4 Position Male Panel Mount Connector	8.24	8.07	7.91	CALL
CON-M124PF	M12 4 Position Female Panel Mount Connector	9.27	9.09	8.90	CALL

M12 D-Coded PCB Mount Connectors

CON-M124PCBF	M12 4 Position Female PCB Mount Connector	10.83	10.61	10.40	CALL
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M12 D-Coded Solder Style Connectors

CON-M124SLDF	M12 4 Position Female Solder Style Connector	10.83	10.61	10.40	CALL
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M12 Premium D-Coded 4 Position Cables for Ethernet and Fieldbus Applications

L-com's M12 premium line is here for your roughest and most demanding applications. Built with high flex, industrial, outdoor, double shielded TPE bulk cable and using IP68 rated M12 connectors, these assemblies are as robust as they come. Designed to exceed category standards to ensure network throughput. Contact us today with your M12 custom applications.

M12 Premium 4 Position D-Coded Male to Male Cable Assemblies

TRG501-T4T-05M	M12 Premium 4 Position D-Coded Male/Male Cable Assembly, 24 AWG, 0.5m	28.24	27.39	26.54	CALL
TRG501-T4T-1M	M12 Premium 4 Position D-Coded Male/Male Cable Assembly, 24 AWG, 1.0m	34.66	33.62	32.58	CALL
TRG501-T4T-2M	M12 Premium 4 Position D-Coded Male/Male Cable Assembly, 24 AWG, 2.0m	45.85	44.48	43.10	CALL
TRG501-T4T-3M	M12 Premium 4 Position D-Coded Male/Male Cable Assembly, 24 AWG, 3.0m	56.21	54.53	52.84	CALL
TRG501-T4T-5M	M12 Premium 4 Position D-Coded Male/Male Cable Assembly, 24 AWG, 5.0m	68.65	66.59	64.53	CALL
TRG501-T4T-10M	M12 Premium 4 Position D-Coded Male/Male Cable Assembly, 24 AWG, 10.0m	119.63	116.04	112.45	CALL

M12 Premium 4 Position D-Coded Male to Female Cable Assemblies

TRG502-T4T-05M	M12 Premium 4 Position D-Coded Male/Female Cable Assembly, 24 AWG, 0.5m	29.27	28.39	27.52	CALL
TRG502-T4T-1M	M12 Premium 4 Position D-Coded Male/Female Cable Assembly, 24 AWG, 1.0m	35.70	34.63	33.56	CALL
TRG502-T4T-2M	M12 Premium 4 Position D-Coded Male/Female Cable Assembly, 24 AWG, 2.0m	46.89	45.48	44.07	CALL
TRG502-T4T-3M	M12 Premium 4 Position D-Coded Male/Female Cable Assembly, 24 AWG, 3.0m	57.25	55.53	53.82	CALL
TRG502-T4T-5M	M12 Premium 4 Position D-Coded Male/Female Cable Assembly, 24 AWG, 5.0m	69.68	67.59	65.50	CALL
TRG502-T4T-10M	M12 Premium 4 Position D-Coded Male/Female Cable Assembly, 24 AWG, 10.0m	119.63	116.04	112.45	CALL

M12 Premium 4 Position D-Coded Male to RJ45 Male Cable Assemblies

TRG504-T4T-1M	M12 Premium 4 Position D-Coded Male/RJ45 Male Cable Assembly, 24 AWG, 1.0m	27.41	26.59	25.76	CALL
TRG504-T4T-2M	M12 Premium 4 Position D-Coded Male/RJ45 Male Cable Assembly, 24 AWG, 2.0m	39.84	38.65	37.45	CALL
TRG504-T4T-3M	M12 Premium 4 Position D-Coded Male/RJ45 Male Cable Assembly, 24 AWG, 3.0m	51.24	49.70	48.17	CALL
TRG504-T4T-5M	M12 Premium 4 Position D-Coded Male/RJ45 Male Cable Assembly, 24 AWG, 5.0m	62.64	60.76	58.88	CALL
TRG504-T4T-10M	M12 Premium 4 Position D-Coded Male/RJ45 Male Cable Assembly, 24 AWG, 10.0m	113.41	110.01	106.61	CALL

M12 Premium 4 Position D-Coded Female to RJ45 Male Cable Assemblies

TRG506-T4T-1M	M12 Premium 4 Position D-Coded Female/RJ45 Male Cable Assembly, 24 AWG, 1.0m	28.44	27.59	26.74	CALL
TRG506-T4T-2M	M12 Premium 4 Position D-Coded Female/RJ45 Male Cable Assembly, 24 AWG, 2.0m	40.88	39.65	38.43	CALL
TRG506-T4T-3M	M12 Premium 4 Position D-Coded Female/RJ45 Male Cable Assembly, 24 AWG, 3.0m	52.28	50.71	49.14	CALL
TRG506-T4T-5M	M12 Premium 4 Position D-Coded Female/RJ45 Male Cable Assembly, 24 AWG, 5.0m	63.67	61.76	59.85	CALL
TRG506-T4T-10M	M12 Premium 4 Position D-Coded Female/RJ45 Male Cable Assembly, 24 AWG, 10.0m	114.45	111.01	107.58	CALL

M12 4 and 5 Position A Code Receptacles, Front and Rear Mounting Style with 0.3m Leads

L-com offers A code (single keyway) 4 or 5 pin M12 receptacles for your enclosure and panel mounting needs. These receptacles can be used to connect cables in fieldbus, sensor, actuator or any other application that requires an M12, A coded interface. They are IP69K rated to ensure protection against liquids and particulate even in wash down applications and flying leads make it very easy to terminate in any way you see fit for your application. Threaded or locked mates make the connectors secure from accidental disconnect and vibration.

REC-M124FF-LEADS	M12 4 Position A Code Female Receptacle, Front Mounting Style with 0.3m Leads	23.42	22.48	21.54	CALL
REC-M124FR-LEADS	M12 4 Position A Code Female Receptacle, Rear Mounting Style with 0.3m Leads	22.90	21.98	21.07	CALL
REC-M124MR-LEADS	M12 4 Position A Code Male Receptacle, Rear Mounting Style with 0.3m Leads	17.49	16.79	16.09	CALL
REC-M125FF-LEADS	M12 5 Position A Code Female Receptacle, Front Mounting Style with 0.3m Leads	24.39	23.42	22.44	CALL
REC-M125FR-LEADS	M12 5 Position A Code Female Receptacle, Rear Mounting Style with 0.3m Leads	25.61	24.59	23.57	CALL
REC-M125MR-LEADS	M12 5 Position A Code Male Receptacle, Rear Mounting Style with 0.3m Leads	20.06	19.26	18.46	CALL

Item #	Description	1-9	10-24	25-99	100+
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M8 3 and 4 Pole IP67 Rated Cable Assemblies

L-com offers Brad® Nano-Change® M8 assemblies. Built with IEC Compliant M8 connectors, these rugged, space-saving cables are ideal for use with miniature sensors and actuators in industrial control applications. Nano-Change® connectors are designed to withstand harsh-industrial and weather environments. They also feature an anti-vibration feature to prevent loosening under high vibration applications.

TRG317-C4Y-1M	M8 Cable 3 Pole IP68 rated Male to Female 24AWG PVC YLW, 1.0m	25.82	24.79	23.76	CALL
TRG317-C4Y-2M	M8 Cable 3 Pole IP68 rated Male to Female 24AWG PVC YLW, 2.0m	27.67	26.56	25.45	CALL
TRG317-C4Y-5M	M8 Cable 3 Pole IP68 rated Male to Female 24AWG PVC YLW, 5.0m	33.24	31.91	30.58	CALL
TRG324-C4Y-1M	M8 Cable 3 Pole IP68 rated Male to Pigtail 24AWG PVC YLW, 1.0m	13.84	13.29	12.74	CALL
TRG324-C4Y-2M	M8 Cable 3 Pole IP68 rated Male to Pigtail 24AWG PVC YLW, 2.0m	15.69	15.06	14.43	CALL
TRG324-C4Y-5M	M8 Cable 3 Pole IP68 rated Male to Pigtail 24AWG PVC YLW, 5.0m	21.24	20.39	19.54	CALL
TRG325-C4Y-1M	M8 Cable 3 Pole IP68 rated Female to Pigtail 24AWG PVC YLW, 1.0m	13.84	13.29	12.74	CALL
TRG325-C4Y-2M	M8 Cable 3 Pole IP68 rated Female to Pigtail 24AWG PVC YLW, 2.0m	15.69	15.06	14.43	CALL
TRG325-C4Y-5M	M8 Cable 3 Pole IP68 rated Female to Pigtail 24AWG PVC YLW, 5.0m	21.24	20.39	19.54	CALL
TRG417-C4Y-1M	M8 Cable 4 Pole IP68 rated Male to Female 24AWG PVC YLW, 1.0m	30.01	28.81	27.61	CALL
TRG417-C4Y-2M	M8 Cable 4 Pole IP68 rated Male to Female 24AWG PVC YLW, 2.0m	32.41	31.12	29.82	CALL
TRG417-C4Y-5M	M8 Cable 4 Pole IP68 rated Male to Female 24AWG PVC YLW, 5.0m	39.67	38.08	36.49	CALL
TRG424-C4Y-1M	M8 Cable 4 Pole IP68 rated Male to Pigtail 24AWG PVC YLW, 1.0m	16.21	15.56	14.91	CALL
TRG424-C4Y-2M	M8 Cable 4 Pole IP68 rated Male to Pigtail 24AWG PVC YLW, 2.0m	18.63	17.89	17.14	CALL
TRG424-C4Y-5M	M8 Cable 4 Pole IP68 rated Male to Pigtail 24AWG PVC YLW, 5.0m	25.88	24.85	23.81	CALL
TRG425-C4Y-1M	M8 Cable 4 Pole IP68 rated Female to Pigtail 24AWG PVC YLW, 1.0m	16.21	15.56	14.91	CALL
TRG425-C4Y-2M	M8 Cable 4 Pole IP68 rated Female to Pigtail 24AWG PVC YLW, 2.0m	18.63	17.89	17.14	CALL
TRG425-C4Y-5M	M8 Cable 4 Pole IP68 rated Female to Pigtail 24AWG PVC YLW, 5.0m	25.88	24.85	23.81	CALL

M8 3 and 4 Pole Receptacles, Front and Rear Mounting Style with 0.3m Leads

L-com offers M8 receptacles for your enclosure and panel mounting needs. These receptacles can be used to connect cables in sensor, actuator or any other application that requires an M8 interface. They are IP67 rated to ensure protection against liquids and particulate. Flying leads make it very easy to terminate in any way you see fit for your application. Threaded or locked mates make the connectors secure from accidental disconnect and vibration.

REC-M83FF-LEADS	M8 3 Pole Female Receptacle, Front Mounting Style with 0.3m Leads	20.23	19.42	18.61	CALL
REC-M83FR-LEADS	M8 3 Pole Female Receptacle, Rear Mounting Style with 0.3m Leads	14.32	13.75	13.17	CALL
REC-M83MR-LEADS	M8 3 Pole Male Receptacle, Rear Mounting Style with 0.3m Leads	10.96	10.52	10.09	CALL
REC-M84FF-LEADS	M8 4 Pole Female Receptacle, Front Mounting Style with 0.3m Leads	20.62	19.80	18.97	CALL
REC-M84FR-LEADS	M8 4 Pole Female Receptacle, Rear Mounting Style with 0.3m Leads	15.27	14.66	14.05	CALL
REC-M84MR-LEADS	M8 4 Pole Male Receptacle, Rear Mounting Style with 0.3m Leads	12.00	11.52	11.04	CALL



Ruggedized IP67 Rated RJ45 Ethernet Plug Kit

Installing Ethernet in harsh environments has never been easier. This IP67 rated plug housing is available for use with either shielded or non-shielded connections. A gasket seal keeps out unwanted contaminants and moisture. The optional flexible strain relief controls the bend radius of the cable. Call today to discuss your application with us.

WT6788D	Non-Shielded Dome Style	22.79	21.87	20.96	CALL
WT6788F	Non-Shielded Flex Style	22.79	21.87	20.96	CALL
WT6788DS	Shielded Dome Style	26.10	25.06	24.01	CALL
WT6788FS	Shielded Flex Style	26.10	25.06	24.01	CALL
TSP4088C5	Replacement RJ45 Non-Shielded Plugs, Pkg/50	31.03	28.55	26.07	CALL
TSP4088CS5	Replacement RJ45 Shielded Plugs, Pkg/50	51.76	47.62	43.48	CALL

Ruggedized IP67 Rated Keystone Flange Adapter Kits

Pass your Ethernet connections through a panel while still maintaining an IP67 rated seal. These receptacle kits consist of an IP67 rated flange adapter and industry standard keystone jacks and couplers. Don't see the combination you need? Call today and we'll help you find the right connection system for your application.

WT6700FM	Front Mount Empty	20.61	19.79	18.96	CALL
WT6700RM	Rear Mount Empty	20.61	19.79	18.96	CALL
WT67KC5FM	Front Mount Category 5e Coupler	28.28	27.15	26.02	CALL
WT67KC5RM	Rear Mount Category 5e Coupler	28.28	27.15	26.02	CALL
WT671105FM	Front Mount Category 5e IDC 110 Jack	22.79	21.87	20.96	CALL
WT671105RM	Rear Mount Category 5e IDC 110 Jack	22.79	21.87	20.96	CALL

Protective Covers for WT67 Series Plugs and Jacks

Maintain the IP67 rating for all open plugs and jacks with these covers. These caps are specifically designed to fit the WT67 series jacks and plugs. When a cable is connected, just attach a cap over the exposed connection and the seal is maintained.

WT67RC	IP67 Jack Cover for Female Receptacles	7.55	7.25	6.95	CALL
WT67RCT	IP67 Jack Cover for Female Receptacles with Tether	15.22	14.92	14.61	CALL
WT67PC	IP67 Jack Cover for Male Plug Kits	8.69	8.35	8.00	CALL
WT67PCT	IP67 Jack Cover for Male Plug Kits with Tether	15.22	14.92	14.61	CALL

IP67 Panel Mount RJ45 Couplers and Connectors

L-com offers a complete IP67 rated RJ45 connection solution for all your demanding Industrial Ethernet applications. With feed-through couplers, 110 punch-down jacks and plug kits, these robust IP67 RJ45 products are constructed of ABS 94V-0 plastic and feature gaskets to keep dust and moisture out. The IP67 RJ45 panel mount couplers are designed for panels up to a thickness of 2.8mm.

WPRJ-FTCAT5E	IP67 Panel Mount RJ45 Coupler, Feed-Thru, Shielded	21.75	19.57	17.40	CALL
WPRJ-FTRACAT5E	IP67 Panel Mount RJ45 Coupler, Feed-Thru Right Angle, Shielded	22.79	20.51	18.23	CALL
WPRJ-LSR	IP67 RJ45 Plug Kits with Long Body Strain Relief	9.73	8.76	7.78	CALL
WPRJ-SSR	IP67 RJ45 Plug Kits with Short Body Strain Relief	8.69	7.82	6.95	CALL



COMPARING INDUSTRIAL / OUTDOOR CATEGORY RATED BULK CABLES

Item #	Rating	AWG	Jacket Material	Jacket Color	UTP	Foil Shield	Double Shield	Hi-Flex	UV Res.	Oil Res.	Halogen Free	Nominal Cable Diameter	OD of Conductor Insulation	Special Notes	List Price (1K Ft Spool)
TOAC2004	C5e	24SLD	PE	BLK	X				X			.246"/6.2mm	.039"/.99mm	Gel-Filled, Aerial Lashed	268.38
TOBC2004	C5e	24SLD	PE	BLK	X				X			.380"/9.7mm	.039"/.99mm	Gel-Filled, Armored, Direct Burial	568.87
CA5NF4-REEL	C5e	24SLD	PE	BLK	X				X			.240"/6.1mm	.040"/1.0mm	Flooded, Direct Burial	278.74
CA-5EF4-R1K	C5e	24SLD	PE	BLK	X				X			.240"/6.1mm	.040"/1.0mm	Flooded	133.67
TC5700	C5e	24STR	PUR	BLK	X			X	X			.228"/5.8mm	.039"/.99mm		610.32
TC5750	C5e	24STR	TPE	BLK	X			X	X	X		.277"/5.8mm	.039"/.99mm	CMX Flame Rating	610.32
TOFC5-BLK	C5e	24SLD	PE	BLK		X			X			.248"/6.3mm	.038"/.97mm	CMX Flame Rating, Direct Burial, Cell Tower	208.00
TOFDLC5-BLK	C5e	24SLD	PE	BLK		X			X		X	.252"/6.4mm	.036"/.91mm	CMX Flame Rating, Direct Burial	209.00
TFCPUR5730	C5e	26STR	PUR	BLK			X		X	X		.220"/5.6mm	.039"/.99mm		983.35
TFCHF2004	C5e	26STR	PUR	Teal			X	X		X	X	.248"/6.3mm	.040"/1.01mm	CMG Flame Rating	3107.56
TFCLS2005	C5e	26STR	PUR	Teal			X	X		X	X	.244"/6.2mm	.037"/.94mm	CMX Flame Rating	1501.45
TFCLS5075	C5e	26STR	PUR	BLK			X	X		X	X	.244"/6.2mm	.037"/.94mm	CMX Flame Rating	1501.45
TFC5734	C5e	26STR	TPE	BLK			X		X	X		.237"/6.1mm	.039"/.99mm	CMX Flame Rating	827.92
TFDL5025	C5e	24STR	TPE	Teal			X	X	X	X		.265"/6.7mm	.047"/1.19mm	2 pair, CMX Flame Rating, 600V	896.31
TFDL5083	C5e	26STR	TPE	BLK			X	X	X	X		.244"/6.2mm	.037"/.94mm	CMX Flame Rating	1134.64
TFDL5088	C5e	26STR	TPE	Teal			X	X	X	X		.244"/6.2mm	.037"/.94mm	CMX Flame Rating	1170.85
TFDL5089	C5e	24STR	TPE	BLK			X	X	X	X		.290"/7.4mm	.046"/1.2mm	CMX Flame Rating, 600V	1170.85
TFDL5090	C5e	24STR	TPE	Teal			X	X	X	X		.290"/7.4mm	.046"/1.2mm	CMX Flame Rating, 600V	1170.85
TOAC2005	C6	24SLD	PE	BLK	X				X			.246"/6.2mm	.039"/.99mm	Gel-Filled, Aerial Lashed	454.89
TOC35911	C6	23SLD	PE	BLK	X				X			.260"/6.6mm	.040"/1.0mm	Gel-Filled	299.46
TOFC6-BLK	C6	23SLD	PE	BLK		X			X			.311"/7.9mm	.047"/1.19mm	CMX Flame Rating, Direct Burial, Cell Tower	262.00
TOC6A-BLK	C6a	23SLD	PE	BLK	X				X			.299"/7.6mm	.040"/1.02mm	CMX Flame Rating, Direct Burial	292.00
TOFC6A-BLK	C6a	23SLD	PE	BLK		X			X			.335"/8.5mm	.046"/1.18mm	CMX Flame Rating, Direct Burial, Cell Tower	316.00
TFDL5026	C6a	26STR	TPE	Teal			X	X	X	X		.275"/7.0mm	.036"/.91mm	CMX Flame Rating	1242.40

TC5750



TFCHF2004



TFDL5026



TRD877HF



EXTREME HIGH-FLEX SHIELDED CATEGORY 5e

- 4 pair 26 AWG stranded
- Braid + foil shield
- Zero Halogen jacket
- Tested to 10 million flex cycles

TRD855HFX



HIGH-FLEX SHIELDED CATEGORY 5e

- 4 pair 26 AWG stranded
- Oil resistant jacket
- Tested to 2.5 million flex cycles
- Braid shielding

Item #	Description	Color	1-9	10-24	25-99	100+
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Extreme Hi-Flex Oil Resistant Category 5e Patch Cords

This series features 26 AWG stranded conductors and a braid and foil shield. The outer jacket is low-friction halogen-free PUR. This cable has been tested to 10 million flex cycles.

TRD877HF-1	Shielded Cat5e Extreme Hi-Flex Patch Cord, RJ45/RJ45, 1.0ft (0.3m)	Teal	41.75	40.08	38.41	CALL
TRD877HF-2	Shielded Cat5e Extreme Hi-Flex Patch Cord, RJ45/RJ45, 2.0ft (0.6m)	Teal	45.58	43.76	41.94	CALL
TRD877HF-3	Shielded Cat5e Extreme Hi-Flex Patch Cord, RJ45/RJ45, 3.0ft (0.9m)	Teal	49.52	47.54	45.56	CALL
TRD877HF-5	Shielded Cat5e Extreme Hi-Flex Patch Cord, RJ45/RJ45, 5.0ft (1.5m)	Teal	57.29	55.00	52.71	CALL
TRD877HF-7	Shielded Cat5e Extreme Hi-Flex Patch Cord, RJ45/RJ45, 7.0ft (2.1m)	Teal	65.06	62.46	59.86	CALL
TRD877HF-10	Shielded Cat5e Extreme Hi-Flex Patch Cord, RJ45/RJ45, 10.0ft (3.0m)	Teal	76.67	73.60	70.53	CALL
TRD877HF-15	Shielded Cat5e Extreme Hi-Flex Patch Cord, RJ45/RJ45, 15.0ft (4.6m)	Teal	96.15	92.30	88.46	CALL
TRD877HF-25	Shielded Cat5e Extreme Hi-Flex Patch Cord, RJ45/RJ45, 25.0ft (7.6m)	Teal	135.01	129.61	124.21	CALL
TRD877HF-50	Shielded Cat5e Extreme Hi-Flex Patch Cord, RJ45/RJ45, 50.0ft (15.2m)	Teal	232.10	222.81	213.53	CALL
TRD877HF-75	Shielded Cat5e Extreme Hi-Flex Patch Cord, RJ45/RJ45, 75.0ft (22.9m)	Teal	329.29	316.12	302.95	CALL
TRD877HF-100	Shielded Cat5e Extreme Hi-Flex Patch Cord, RJ45/RJ45, 100.0ft (30.4m)	Teal	426.39	409.33	392.28	CALL

Hi-Flex Oil Resistant Category 5e Patch Cords

This series features 26 AWG stranded conductors and a braided shield. The outer jacket is low-friction halogen-free PUR that is perfect for cable track applications.

TRD855HFX-1	Shielded Cat5e Hi-Flex Patch Cord, RJ45/RJ45, 1.0ft (0.3m)	Teal	41.96	40.28	38.60	CALL
TRD855HFX-2	Shielded Cat5e Hi-Flex Patch Cord, RJ45/RJ45, 2.0ft (0.6m)	Teal	45.58	43.76	41.94	CALL
TRD855HFX-3	Shielded Cat5e Hi-Flex Patch Cord, RJ45/RJ45, 3.0ft (0.9m)	Teal	49.21	47.24	45.27	CALL
TRD855HFX-5	Shielded Cat5e Hi-Flex Patch Cord, RJ45/RJ45, 5.0ft (1.5m)	Teal	56.46	54.20	51.95	CALL
TRD855HFX-7	Shielded Cat5e Hi-Flex Patch Cord, RJ45/RJ45, 7.0ft (2.1m)	Teal	63.72	61.17	58.62	CALL
TRD855HFX-10	Shielded Cat5e Hi-Flex Patch Cord, RJ45/RJ45, 10.0ft (3.0m)	Teal	74.60	71.61	68.63	CALL
TRD855HFX-15	Shielded Cat5e Hi-Flex Patch Cord, RJ45/RJ45, 15.0ft (4.6m)	Teal	92.73	89.02	85.31	CALL
TRD855HFX-25	Shielded Cat5e Hi-Flex Patch Cord, RJ45/RJ45, 25.0ft (7.6m)	Teal	129.00	123.84	118.68	CALL
TRD855HFX-50	Shielded Cat5e Hi-Flex Patch Cord, RJ45/RJ45, 50.0ft (15.2m)	Teal	219.66	210.88	202.09	CALL
TRD855HFX-75	Shielded Cat5e Hi-Flex Patch Cord, RJ45/RJ45, 75.0ft (22.9m)	Teal	310.33	297.92	285.51	CALL
TRD855HFX-100	Shielded Cat5e Hi-Flex Patch Cord, RJ45/RJ45, 100.0ft (30.4m)	Teal	401.00	384.96	368.92	CALL

Item #	Description	Color	1-9	10-24	25-99	100+
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Category 5e and 6a RJ45 Outdoor Continuous Flex Oil Resistant Shielded Industrial Ethernet Patch Cords

Designed for industrial or outdoor environments where ordinary patch cables fail, these exclusive ultra flexible Cat5e and 6a patch cord series from L-com is built to take a beating. These cables utilize an outdoor rated FR-TPE (Flame-Retardant Thermoplastic Elastomer) jacket that is resistant to industrial Oils and UV damage while maintaining a CMX flame rating. Double shielding along with L-com's shielded RJ45 connectors remove EMI/RFI interference as a concern for your installation. The cable is EIA568 color-coded for compatibility with standard installations.

TRD855HFO-1	Category 5e Outdoor High Flex Shielded Ethernet Cable, RJ45/RJ45, 1.0ft (0.3m)		41.75	41.75	40.08	CALL
TRD855HFO-3	Category 5e Outdoor High Flex Shielded Ethernet Cable, RJ45/RJ45, 3.0ft (0.9m)		49.52	49.52	47.54	CALL
TRD855HFO-5	Category 5e Outdoor High Flex Shielded Ethernet Cable, RJ45/RJ45, 5.0ft (1.5m)		57.29	57.29	55.00	CALL
TRD855HFO-10	Category 5e Outdoor High Flex Shielded Ethernet Cable, RJ45/RJ45, 10.0ft (3.0m)		76.67	76.67	73.60	CALL
TRD855HFO-25	Category 5e Outdoor High Flex Shielded Ethernet Cable, RJ45/RJ45, 25.0ft (7.6m)		135.01	135.01	129.61	CALL
TRD855HFO-50	Category 5e Outdoor High Flex Shielded Ethernet Cable, RJ45/RJ45, 50.0ft (15.2m)		232.10	232.10	222.81	CALL
TRD855HFO-75	Category 5e Outdoor High Flex Shielded Ethernet Cable, RJ45/RJ45, 75.0ft (22.9m)		329.29	329.29	316.12	CALL
TRD855HFO-100	Category 5e Outdoor High Flex Shielded Ethernet Cable, RJ45/RJ45, 100.0ft (30.5m)		426.39	426.39	409.33	CALL
TRD695AHF-1	Category 6a Outdoor High Flex Shielded Ethernet Cable, RJ45/RJ45, 1.0ft (0.3m)		55.53	55.53	53.31	CALL
TRD695AHF-3	Category 6a Outdoor High Flex Shielded Ethernet Cable, RJ45/RJ45, 3.0ft (0.9m)		62.78	62.78	60.27	CALL
TRD695AHF-5	Category 6a Outdoor High Flex Shielded Ethernet Cable, RJ45/RJ45, 5.0ft (1.5m)		70.04	70.04	67.24	CALL
TRD695AHF-10	Category 6a Outdoor High Flex Shielded Ethernet Cable, RJ45/RJ45, 10.0ft (3.0m)		88.32	88.32	84.78	CALL
TRD695AHF-20	Category 6a Outdoor High Flex Shielded Ethernet Cable, RJ45/RJ45, 20.0ft (6.1m)		124.62	124.62	119.64	CALL
TRD695AHF-25	Category 6a Outdoor High Flex Shielded Ethernet Cable, RJ45/RJ45, 25.0ft (7.6m)		142.81	142.81	137.10	CALL
TRD695AHF-30	Category 6a Outdoor High Flex Shielded Ethernet Cable, RJ45/RJ45, 30.0ft (9.1m)		160.98	160.98	154.54	CALL
TRD695AHF-50	Category 6a Outdoor High Flex Shielded Ethernet Cable, RJ45/RJ45, 50.0ft (15.2m)		233.61	233.61	224.27	CALL

Category 5e and 6a GigE Vision Assemblies

L-com now offers GigE Vision connectors using Category 5e or 6a Ethernet. The GigE connectors are built to the Vision standard and are perfect for machine vision camera and PoE applications. The screw mount hardware is beneficial in many applications where standard RJ45 connectors can become dislodged due to jostling, vibration, ect. These assemblies are built with L-com's outdoor, industrial, high-flex cable and are excellent for industrial, heavy duty and outdoor applications.

TRG513-T6T-1M	Double Shielded Cat5e Industrial/Outdoor Hi-Flex GigE/GigE, 1.0m	Teal	19.64	19.05	18.46	CALL
TRG513-T6T-2M	Double Shielded Cat5e Industrial/Outdoor Hi-Flex GigE/GigE, 2.0m	Teal	31.86	30.91	29.95	CALL
TRG513-T6T-3M	Double Shielded Cat5e Industrial/Outdoor Hi-Flex GigE/GigE, 3.0m	Teal	44.40	43.07	41.74	CALL
TRG513-T6T-5M	Double Shielded Cat5e Industrial/Outdoor Hi-Flex GigE/GigE, 5.0m	Teal	60.98	59.15	57.32	CALL
TRG513-T6T-10M	Double Shielded Cat5e Industrial/Outdoor Hi-Flex GigE/GigE, 10.0m	Teal	115.48	112.02	108.56	CALL
TRG514-T6T-1M	Double Shielded Cat5e Industrial/Outdoor Hi-Flex RJ45/GigE, 1.0m	Teal	18.29	17.74	17.19	CALL
TRG514-T6T-2M	Double Shielded Cat5e Industrial/Outdoor Hi-Flex RJ45/GigE, 2.0m	Teal	30.62	29.70	28.78	CALL
TRG514-T6T-3M	Double Shielded Cat5e Industrial/Outdoor Hi-Flex RJ45/GigE, 3.0m	Teal	42.95	41.66	40.37	CALL
TRG514-T6T-5M	Double Shielded Cat5e Industrial/Outdoor Hi-Flex RJ45/GigE, 5.0m	Teal	59.74	57.94	56.15	CALL
TRG514-T6T-10M	Double Shielded Cat5e Industrial/Outdoor Hi-Flex RJ45/GigE, 10.0m	Teal	114.24	110.81	107.39	CALL
TRG513-T4S-1M	Double Shielded Cat5e Industrial/Armored Hi-Flex GigE/GigE, 1.0m	Teal	41.91	40.66	39.40	CALL
TRG513-T4S-2M	Double Shielded Cat5e Industrial/Armored Hi-Flex GigE/GigE, 2.0m	Teal	60.77	58.95	57.13	CALL
TRG513-T4S-3M	Double Shielded Cat5e Industrial/Armored Hi-Flex GigE/GigE, 3.0m	Teal	79.01	76.64	74.27	CALL
TRG513-T4S-5M	Double Shielded Cat5e Industrial/Armored Hi-Flex GigE/GigE, 5.0m	Teal	119.73	116.14	112.55	CALL
TRG513-T4S-10M	Double Shielded Cat5e Industrial/Armored Hi-Flex GigE/GigE, 10.0m	Teal	210.30	203.99	197.68	CALL
TRG616-T6T-1M	Double Shielded Cat6a Industrial/Outdoor Hi-Flex GigE/GigE, 1.0m	Teal	23.26	22.56	21.87	CALL
TRG616-T6T-2M	Double Shielded Cat6a Industrial/Outdoor Hi-Flex GigE/GigE, 2.0m	Teal	38.18	37.04	35.89	CALL
TRG616-T6T-3M	Double Shielded Cat6a Industrial/Outdoor Hi-Flex GigE/GigE, 3.0m	Teal	52.38	50.81	49.24	CALL
TRG616-T6T-5M	Double Shielded Cat6a Industrial/Outdoor Hi-Flex GigE/GigE, 5.0m	Teal	71.34	69.20	67.06	CALL
TRG616-T6T-10M	Double Shielded Cat6a Industrial/Outdoor Hi-Flex GigE/GigE, 10.0m	Teal	137.66	133.53	129.40	CALL
TRG617-T6T-1M	Double Shielded Cat6a Industrial/Outdoor Hi-Flex RJ45/GigE, 1.0m	Teal	21.60	20.96	20.31	CALL
TRG617-T6T-2M	Double Shielded Cat6a Industrial/Outdoor Hi-Flex RJ45/GigE, 2.0m	Teal	36.53	35.43	34.33	CALL
TRG617-T6T-3M	Double Shielded Cat6a Industrial/Outdoor Hi-Flex RJ45/GigE, 3.0m	Teal	50.72	49.20	47.68	CALL
TRG617-T6T-5M	Double Shielded Cat6a Industrial/Outdoor Hi-Flex RJ45/GigE, 5.0m	Teal	69.79	67.69	65.60	CALL
TRG617-T6T-10M	Double Shielded Cat6a Industrial/Outdoor Hi-Flex RJ45/GigE, 10.0m	Teal	136.14	132.05	127.97	CALL

Category 5e and Category 6 Unshielded Outdoor Rated Cables

Looking for a simple and inexpensive Ethernet cable for an outdoor run? L-com's unshielded outdoor cables will fit your needs. Solid conductor cables with UV rated, gel-filled jackets are suitable for braving the elements. See L-com.com for complete listings and our custom cable configurator to make your own lengths.

TRD855OD-5	Unshielded Cat5e Outdoor Cable Assembly, 5.0ft (1.5m)	Black	41.44	38.95	36.47	CALL
TRD855OD-10	Unshielded Cat5e Outdoor Cable Assembly, 10.0ft (3.0m)	Black	46.62	43.82	41.02	CALL
TRD855OD-25	Unshielded Cat5e Outdoor Cable Assembly, 25.0ft (7.6m)	Black	62.16	58.43	54.70	CALL
TRD855OD-50	Unshielded Cat5e Outdoor Cable Assembly, 50.0ft (15.2m)	Black	88.07	82.78	77.50	CALL
TRD855OD-100	Unshielded Cat5e Outdoor Cable Assembly, 100.0ft (30.4m)	Black	139.88	131.48	123.09	CALL
TRD695OD-5	Unshielded Cat6 Outdoor Cable Assembly, 5.0ft (1.5m)	Black	44.55	41.87	39.20	CALL
TRD695OD-10	Unshielded Cat6 Outdoor Cable Assembly, 10.0ft (3.0m)	Black	49.73	46.74	43.76	CALL
TRD695OD-25	Unshielded Cat6 Outdoor Cable Assembly, 25.0ft (7.6m)	Black	67.34	63.30	59.26	CALL
TRD695OD-50	Unshielded Cat6 Outdoor Cable Assembly, 50.0ft (15.2m)	Black	92.21	86.68	81.15	CALL
TRD695OD-100	Unshielded Cat6 Outdoor Cable Assembly, 100.0ft (30.4m)	Black	145.06	136.35	127.65	CALL

IP67 Rated RJ45 Cable Glands

L-com offers a versatile solution for running RJ45 connections into enclosures and panels. The CG-XX series feature EPDM rubber gaskets to keep moisture and dust out of your critical LAN connections. These cable glands can be used for wired LAN applications as well as WiFi wireless installations.

CG-CRJ	IP67 RJ45 Feed-Through Cable Gland with 14.5" (36.8cm) Pigtail		9.95	9.75	9.55	CALL
CG-RJ	IP67 RJ45 Feed-Through Cable Gland, One Way Style		7.72	7.57	7.41	CALL
CG-DRJ	IP67 RJ45 Feed-Through Cable Gland, Two Way Style		9.95	9.75	9.55	CALL

Surface Mounted Jacks - Feature Standard Screw Connections and Snap Covers

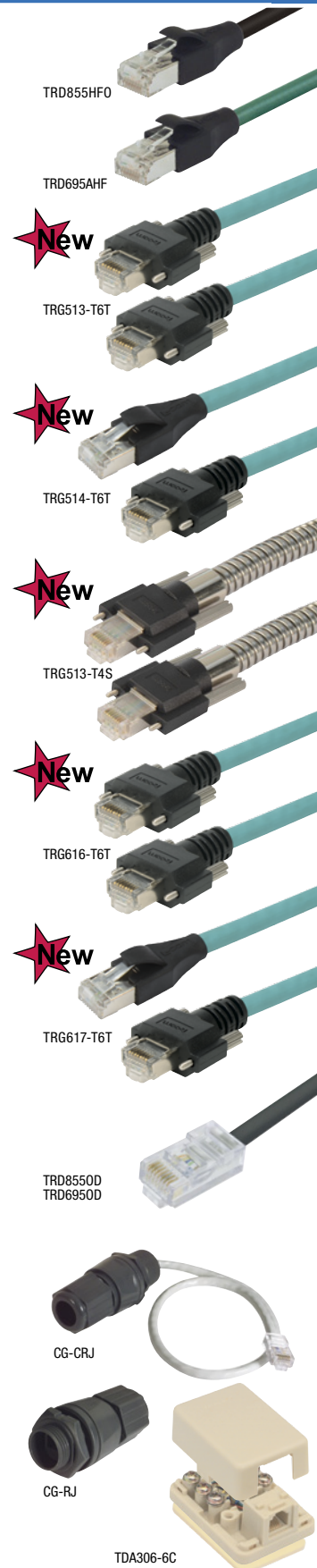
Eliminating the cover retaining screw and pre-wiring the jack assembly to the terminals reduces installation time. Packaging includes double-sided adhesive tape for mounting on desks, cabinets or where attaching with wood screws is objectionable.

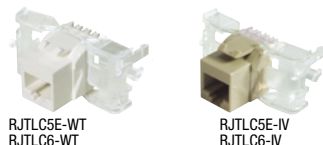
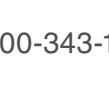
TDA310-4C	Modular Surface Mount Jack, Side Access, RJ11 (6x4)	Beige	2.33	2.14	1.96	CALL
TDA310-6C	Modular Surface Mount Jack, Side Access, RJ12 (6x6)	Beige	2.85	2.62	2.39	CALL
RJ31X	Modular Surface Mount Jack, with Shorting Bars, RJ45 (8x8)	Beige	5.13	4.72	4.31	CALL

Surface Mounted Jack - Narrow Type for High-Density Applications

Measuring less than 1.7" (4.3cm) in width with cable entrance in the rear and supplied with wood mounting screws and two-sided adhesive tape. Screw terminal wiring.

TDA306-6C	Modular Surface Mount Jack, End Access, RJ12 (6x6)	Beige	2.85	2.62	2.39	CALL
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RJ11C5E-WT
RJ11C6-WTRJ11C5E-IV
RJ11C6-IVRJ11C5E-BLK
RJ11C6-BLKRJ11C5E-WT
RJ11C6-WTRJ11C5E-IV
RJ11C6-IVRJ11C5E-BLK
RJ11C6-BLKRJ11C5E-WT
RJ11C6-WTRJ11C5E-IV
RJ11C6-IVRJ11C5E-BLK
RJ11C6-BLKRJ11C5E-WT
RJ11C6-WTRJ11C5E-IV
RJ11C6-IVRJ11C5E-BLK
RJ11C6-BLKRJ11C5E-WT
RJ11C6-WTRJ11C5E-WT
RJ11C6-WTRJ11C5E-IV
RJ11C6-IVRJ11C5E-BLK
RJ11C6-BLKRJ11C5E-WT
RJ11C6-WTRJ11C5E-IV
RJ11C6-IVRJ11C5E-BLK
RJ11C6-BLKRJ11C5E-WT
RJ11C6-WTRJ11C5E-IV
RJ11C6-IVRJ11C5E-BLK
RJ11C6-BLKRJ11C5E-WT
RJ11C6-WTRJ11C5E-IV
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RJ11C6-BLKRJ11C5E-WT
RJ11C6-WT

L-com's Tool-less Jack Series

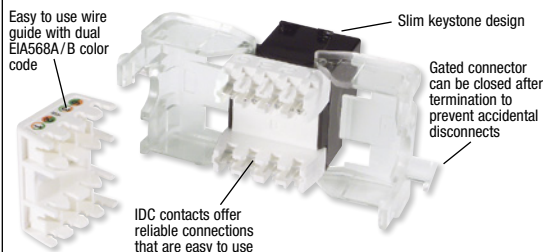
For the best performance with a unique IDC connection that is easy to use and reliable, L-com's tool-less jacks are the answer. This simple wire guide makes it effortless for users to terminate their conductors securely. Each jack is intelligently designed into a compact and efficient body. Jacks are also available with a flanged connector for installation in panels too thick for a standard keystone.

How to terminate a keystone tool-less jack

Online Video

L-com.com/Videos/A26

Tool-less termination speeds installations



Item #	Description	Color	1-9	10-24	25-99	100+
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Category 5e - Tool-less Keystone Jacks

RJ11C5E-WT	Category 5e Tool-less Keystone Jack, RJ45 (8x8) 568A/B	White	6.17	5.55	4.93	CALL
RJ11C5E-IV	Category 5e Tool-less Keystone Jack, RJ45 (8x8) 568A/B	Ivory	5.34	4.80	4.27	CALL
RJ11C5E-BLK	Category 5e Tool-less Keystone Jack, RJ45 (8x8) 568A/B	Black	6.17	5.55	4.93	CALL

Category 6 - Tool-less Keystone Jacks

RJ11C6-WT	Category 6 Tool-less Keystone Jack, RJ45 (8x8) 568A/B	White	6.37	5.74	5.10	CALL
RJ11C6-IV	Category 6 Tool-less Keystone Jack, RJ45 (8x8) 568A/B	Ivory	7.20	6.48	5.76	CALL
RJ11C6-BLK	Category 6 Tool-less Keystone Jack, RJ45 (8x8) 568A/B	Black	7.20	6.48	5.76	CALL

Shielded Category 6a - Tool-less Jack

RJ11C6A-S	Shielded Category 6a Tool-less Keystone Jack, RJ45 (8x8) 568A/B	Silver	16.53	15.21	13.88	CALL
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Category 5e, 6 and 6a - 110 Keystone Jacks - 90 Degree Style

L-com's keystone 110 punch down style connectors offer users simple installation via the popular 110 punch down style connecting system. Each jack is color coded for the EIA/TIA568 A and B standards.

MJS110C5E-WT	Category 5e Keystone Jack, 110/RJ45 (8x8) 568A/B	White	3.57	3.22	2.86	CALL
MJS110C5E-IV	Category 5e Keystone Jack, 110/RJ45 (8x8) 568A/B	Ivory	3.57	3.22	2.86	CALL
MJS110C5E-BLK	Category 5e Keystone Jack, 110/RJ45 (8x8) 568A/B	Black	3.57	3.22	2.86	CALL
MJS110C5E-YL	Category 5e Keystone Jack, 110/RJ45 (8x8) 568A/B	Yellow	3.57	3.22	2.86	CALL
MJS110C5E-BL	Category 5e Keystone Jack, 110/RJ45 (8x8) 568A/B	Blue	3.57	3.22	2.86	CALL
MJS110C5E-RD	Category 5e Keystone Jack, 110/RJ45 (8x8) 568A/B	Red	3.57	3.22	2.86	CALL
MJS110C6-WT	Category 6 Keystone Jack, 110/RJ45 (8x8) 568A/B	White	4.40	3.96	3.52	CALL
MJS110C6-IV	Category 6 Keystone Jack, 110/RJ45 (8x8) 568A/B	Ivory	4.40	3.96	3.52	CALL
MJS110C6-BLK	Category 6 Keystone Jack, 110/RJ45 (8x8) 568A/B	Black	4.40	3.96	3.52	CALL
MJS110C6-YL	Category 6 Keystone Jack, 110/RJ45 (8x8) 568A/B	Yellow	4.40	3.96	3.52	CALL
MJS110C6-BL	Category 6 Keystone Jack, 110/RJ45 (8x8) 568A/B	Blue	4.40	3.96	3.52	CALL
MJS110C6-RD	Category 6 Keystone Jack, 110/RJ45 (8x8) 568A/B	Red	4.09	3.68	3.27	CALL

Shielded Category 5e, 6 and 6a Jacks

L-com's shielded modular jacks offer users a complete solution to EMI/RFI problems. By utilizing fully shielded jacks and connecting hardware, users can reduce the effects of interference on the network data transmissions. All jacks feature 110-style punch down connections for fast and easy termination.

MJS110C5E-S	Shielded Category 5e Keystone Jack, 110/RJ45 (8x8) 568A/B	Silver	6.17	5.55	4.93	CALL
MJS110C6-S	Shielded Category 6 Keystone Jack, 110/RJ45 (8x8) 568A/B	Silver	7.20	6.48	5.76	CALL
RJ110C6A-S	Shielded Category 6a Keystone Jack, 110/RJ45 (8x8) 568A/B	Silver	15.49	14.25	13.01	CALL

Category 5e and Category 6 Keystone Jack Kits - 110/RJ45 EIA568A/B

These unique panel mount RJ45 connector kits allow keystone style 110 IDC connectors to be mounted into panels thicker than 0.062" (0.2cm). Packaged as a kit, including the flange, two 4-40 screws, and one RJ45 Cat5e or Cat6 jack.

ECF110C5E-BLK	Category 5e Keystone Jack, 110/RJ45 (8x8) 568A/B	Black	6.74	6.60	6.33	CALL
ECF110C5E-BL	Category 5e Keystone Jack, 110/RJ45 (8x8) 568A/B	Blue	6.74	6.60	6.33	CALL
ECF110C5E-IV	Category 5e Keystone Jack, 110/RJ45 (8x8) 568A/B	Ivory	6.74	6.60	6.33	CALL
ECF110C5E-WT	Category 5e Keystone Jack, 110/RJ45 (8x8) 568A/B	White	6.74	6.60	6.33	CALL
ECF110C5E-YL	Category 5e Keystone Jack, 110/RJ45 (8x8) 568A/B	Yellow	6.74	6.60	6.33	CALL
ECF110C5E-S	Shielded Category 5e Keystone Jack, 110/RJ45 (8x8) 568A/B	Silver	7.88	7.72	7.40	CALL
ECF110C6-BLK	Category 6 Keystone Jack, 110/RJ45 (8x8) 568A/B	Black	9.01	8.83	8.47	CALL
ECF110C6-BL	Category 6 Keystone Jack, 110/RJ45 (8x8) 568A/B	Blue	9.01	8.83	8.47	CALL
ECF110C6-IV	Category 6 Keystone Jack, 110/RJ45 (8x8) 568A/B	Ivory	9.01	8.83	8.47	CALL
ECF110C6-WT	Category 6 Keystone Jack, 110/RJ45 (8x8) 568A/B	White	9.01	8.83	8.47	CALL
ECF110C6-YL	Category 6 Keystone Jack, 110/RJ45 (8x8) 568A/B	Yellow	9.01	8.83	8.47	CALL
ECF110C6-S	Shielded Category 6 Keystone Jack, 110/RJ45 (8x8) 568A/B	Silver	10.15	9.95	9.55	CALL

Category 5e and Category 6 Tool-less Keystone Jack Kits - RJ45 EIA568A/B

The ECFRJTL series of panel mount RJ45 connector kits allow L-com's tool-less RJ45 keystone connectors to mount into panels thicker than 0.062" (0.2cm). Packaged as a kit, including the flange, two 4-40 screws, and one RJ45 Cat5e or Cat6 jack.

ECFRJTL5E-BLK	Category 5e Keystone Jack, 110/RJ45 (8x8) 568A/B	Black	10.21	9.19	8.17	CALL
ECFRJTL5E-IV	Category 5e Keystone Jack, 110/RJ45 (8x8) 568A/B	Ivory	10.21	9.19	8.17	CALL
ECFRJTL5E-WT	Category 5e Keystone Jack, 110/RJ45 (8x8) 568A/B	White	10.21	9.19	8.17	CALL
ECFRJTL6-BLK	Category 6 Keystone Jack, 110/RJ45 (8x8) 568A/B	Black	11.35	10.21	9.08	CALL
ECFRJTL6-IV	Category 6 Keystone Jack, 110/RJ45 (8x8) 568A/B	Ivory	11.35	10.21	9.08	CALL

ECF Keystone Panel Adapters - Pkg/25

L-com now offers convenient bags of 25 of our ECF style flanges for use in patch panel and enclosure designs which require L-com's unique ECF flanges. These rugged flanges are perfect for use with Category 3/5/5e/6/6a keystone couplers.

ECF-SK-25	ECF Keystone Panel Adapter Kit, Pkg/25	Silver	31.03	28.55	26.07	CALL
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Item #	Description	Color	1-9	10-24	25-99	100+
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Category 3 RJ12 110 Keystone Jacks - Telephone and Data Applications

L-com's keystone Category 3 110 punch style connectors offer an economical choice with the popular 110-punch style connection system. Each jack is color coded for both the EIA and USOC standards for compatibility with any installation. Large volume quotations are available for installers and contractors looking to save money. Contact us today.

MJS110RJ12-WT	Category 3 RJ12 IDC Keystone Jack	White	3.06	2.75	2.45	CALL
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Category 5e Economy 110 IDC Keystone Jacks - Package of 25

This economy series offers true Category 5e performance with an installer friendly price. Packaged 25 pieces per bag.

RJE110C5E90-PK	Category 5e Economy 110 IDC Keystone Jacks - Package of 25	White	41.40	40.15	38.91	CALL
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Item #	Description	Color	List Price
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Premium Category 6 RJ45 - 110 Keystone Jack - 90 Degree Style

OCC's Category 6 Keystone jacks offer printed circuit board technology that provides best-in-class Category 6 component performance. With standard 110-style terminations, OCC's Category 6 jacks are ETL verified to TIA 568-C.2 Category 6 specifications. Contact us today with your project needs.

MK110C6-BLK	Category 6 Keystone Jack, 110/RJ45 (8x8) EIA568A/B	Black	6.94
MK110C6-BLU	Category 6 Keystone Jack, 110/RJ45 (8x8) EIA568A/B	Blue	6.94
MK110C6-GRN	Category 6 Keystone Jack, 110/RJ45 (8x8) EIA568A/B	Green	6.94
MK110C6-GRY	Category 6 Keystone Jack, 110/RJ45 (8x8) EIA568A/B	Gray	6.94
MK110C6-ORN	Category 6 Keystone Jack, 110/RJ45 (8x8) EIA568A/B	Orange	6.94
MK110C6-RED	Category 6 Keystone Jack, 110/RJ45 (8x8) EIA568A/B	Red	6.94
MK110C6-W	Category 6 Keystone Jack, 110/RJ45 (8x8) EIA568A/B	White	6.94
MK110C6-Y	Category 6 Keystone Jack, 110/RJ45 (8x8) EIA568A/B	Yellow	6.94

Premium Category 5e RJ45 - 110 Keystone Jack - 90 Degree Style

The OCC Category 5e Keystone Modular Jack is a great alternative for high-density applications. Featuring a lower profile and a snap-in design, these Category 5e jacks offer exceptional performance that exceeds industry standards. Offering Universal T568A/B wiring and component compliance to Cat 5e specifications, these Keystone jacks feature OCC's patented PC board technology.

MK110C5E-BLK	Category 5e Keystone Jack, 110/RJ45 (8x8) EIA568A/B	Black	5.34
MK110C5E-BLU	Category 5e Keystone Jack, 110/RJ45 (8x8) EIA568A/B	Blue	5.34
MK110C5E-BW	Category 5e Keystone Jack, 110/RJ45 (8x8) EIA568A/B	Bright White	5.34
MK110C5E-GRN	Category 5e Keystone Jack, 110/RJ45 (8x8) EIA568A/B	Green	5.34
MK110C5E-GRY	Category 5e Keystone Jack, 110/RJ45 (8x8) EIA568A/B	Gray	5.34
MK110C5E-IV	Category 5e Keystone Jack, 110/RJ45 (8x8) EIA568A/B	Ivory	5.34
MK110C5E-ORN	Category 5e Keystone Jack, 110/RJ45 (8x8) EIA568A/B	Orange	5.34
MK110C5E-RED	Category 5e Keystone Jack, 110/RJ45 (8x8) EIA568A/B	Red	5.34
MK110C5E-W	Category 5e Keystone Jack, 110/RJ45 (8x8) EIA568A/B	White	5.34
MK110C5E-Y	Category 5e Keystone Jack, 110/RJ45 (8x8) EIA568A/B	Yellow	5.34

Item #	Description	Color	1-9	10-24	25-99	100+
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Category 5e RJ45 - 110 Keystone Jack - Traditional 180 Degree Style

The traditional 180° design has the 110 connectors parallel to the modular plug entry. This jack is EIA568A/B dual color coded.

RJ110C5B-I	Category 5e Keystone Jack, 110/RJ45 (8x8) EIA568A/B	Ivory	7.20	7.06	6.91	CALL
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10 Position Category 5 and USOC - 110 IDC Keystone Jacks - Traditional 180 Degree Style

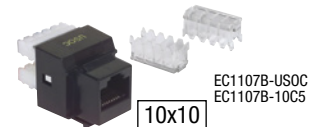
These 10 position 10 contact keystone style jacks are an ideal solution in applications where additional contacts are required. The traditional 180° design has the 110 connectors parallel to the modular plug entry. Category 5 version is dual color coded, compatible with EIA568A and B wiring with position 1 and 10 populated.

EC1107B-USOC	Keystone IDC - 10P10C Jack, USOC	Black	7.82	7.20	6.57	CALL
EC1107B-10C5	Keystone IDC - 10P10C Jack, Cat5-568A/B	Black	7.82	7.20	6.57	CALL

Miscellaneous Keystone Jacks - Coaxial, and Fiber Couplers

Add more than just data and telephone connections to workstation outlets. L-com features coaxial, and fiber adapters designed to fit our wall plate systems.

MJSCPF-WT	Keystone Coaxial Type F Coupler Insert	White	1.81	1.67	1.52	CALL
MJSCPSC-WT	Keystone Fiber SC Coupler Insert	White	6.68	6.15	5.61	CALL
MJSCVR-WT	Keystone Blank Insert	White	0.47	0.46	0.44	CALL
MJSCBNC-IV	Keystone BNC Coupler Insert	Ivory	4.09	3.97	3.85	CALL
MJSCVR-IV	Keystone Blank Insert	Ivory	0.47	0.46	0.44	CALL

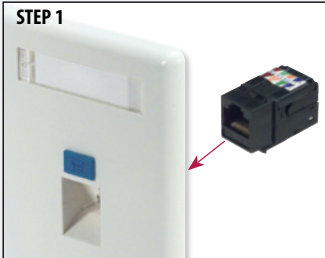


Tip How to install a keystone style connector into a wall plate

Online Video

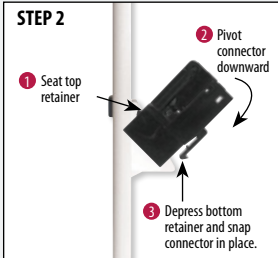
www.l-com.com/Videos/A12

STEP 1



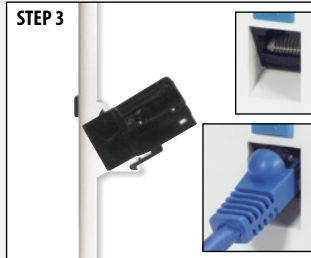
Align the connector with the wall plate with the spring retainer side down for 45 degree entry plates (as shown) or spring retainer side up for standard entry wall plates.

STEP 2

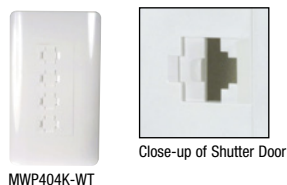
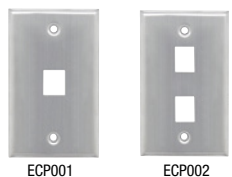


Seat fixed retainer first. Pivot connector down towards the spring retainer while depressing the spring retainer. Press connector into plate until retainer snaps and locks firmly in place.

STEP 3



The wall plate can now be installed and cables attached.



Item #	Description	Color	1-9	10-24	25-99	100+
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Flush Mount Wall Plates that Accept Keystone Jacks

The flush mount wall plate series offers a choice of keystone port options for users to configure each workstation outlet for individual needs. These wall plates come in a choice of White or Ivory and can accept up to four keystone inserts.

MWP101K-WT	Flush Wall Plate for 1 Keystone Jack	White	1.81	1.67	1.52	CALL
MWP102K-WT	Flush Wall Plate for 2 Keystone Jacks	White	1.81	1.67	1.52	CALL
MWP103K-WT	Flush Wall Plate for 3 Keystone Jacks	White	1.81	1.67	1.52	CALL
MWP104K-WT	Flush Wall Plate for 4 Keystone Jacks	White	1.81	1.67	1.52	CALL

MWP101K-IV	Flush Wall Plate for 1 Keystone Jack	Ivory	1.81	1.67	1.52	CALL
MWP102K-IV	Flush Wall Plate for 2 Keystone Jacks	Ivory	1.81	1.67	1.52	CALL
MWP103K-IV	Flush Wall Plate for 3 Keystone Jacks	Ivory	1.81	1.67	1.52	CALL

Stainless Wall Plates for Usage in High EMI/RFI Environments or Medical Applications

These stainless wall plates offer users a clean finish for information outlets in environments where traditional plastic wall plates are not suitable.

ECP001	Stainless Wall Plate for 1 Keystone Jack	Silver	3.06	3.00	2.87	CALL
ECP002	Stainless Wall Plate for 2 Keystone Jacks	Silver	3.06	3.00	2.87	CALL

Flush Mount Wall Plates with Shutter Doors

For a professional look to any installation select L-com's Keystone wall plates. The flush mount design maintains a low profile with the wall and the integrated shutter door prevents dust/debris from getting into the ports. They are available in a choice of keystone port options for you to configure each workstation outlet for individual needs. We stock large quantities of plates that can accept up to four keystone inserts. Contact us for your next project.

- Flush mount Keystone wall plates with a smooth gloss finish
- Integrated shutter prevents dust and debris from entering the port
- No visible mounting hardware for a clean finished look
- Available with up to 4 Keystone ports
- Contractor quotations welcome for large quantities or custom colors

MWP401K-WT	Flush Mount Wall Plate for 1 Keystone Jack	White	3.37	3.10	2.83	CALL
MWP402K-WT	Flush Mount Wall Plate for 2 Keystone Jacks	White	3.57	3.29	3.00	CALL
MWP403K-WT	Flush Mount Wall Plate for 3 Keystone Jacks	White	3.89	3.57	3.26	CALL
MWP404K-WT	Flush Mount Wall Plate for 4 Keystone Jacks	White	4.09	3.77	3.44	CALL

Tip How to easily panel mount a keystone style connector

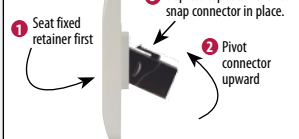
Keystone style refers to the snap-in mounting mechanism that many manufacturers have adopted. It is simple, requires no tools and is easily removable.

STEP 1



L-com's two piece wall plate design hides the screw holes from view to provide a sleek, clean display.

STEP 2



Seat bottom retainer and pivot connector upward while depressing upper retainer.

STEP 3



Slide the dust cover up to connect a cable assembly. The dust cover will slide closed when nothing is connected.

Item #	Description	Color	List Price
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L-com Isolator Wall Plates for 10/100 Ethernet Networks

L-com's Ethernet Isolator wall plates are fully self-contained devices that protect valuable network equipment from damaging surges and power anomalies that commonly occur across network cabling. Operation and installation is quick and easy. Simply plug these devices in-line between the cabling behind the wall and the patch cable that normally attaches the equipment to the network. These isolators are available in Stainless Steel or Ivory High Impact ABS Plastic. Each unit is fully RoHS compliant and has been certified to meet the IEC 6060-1 Medical Device Safety Standard making them ideal for hospital and medical laboratory environments.

6000691-L	10/100 Base-T Ethernet Data Isolator, Stainless	Silver	108.79
6000693-L	10/100 Base-T Ethernet Data Isolator, Plastic	Ivory	113.93

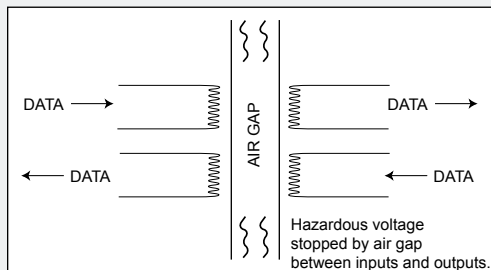
Medical Grade

Meets IEC 6060-1
Medical Device
Safety Standards



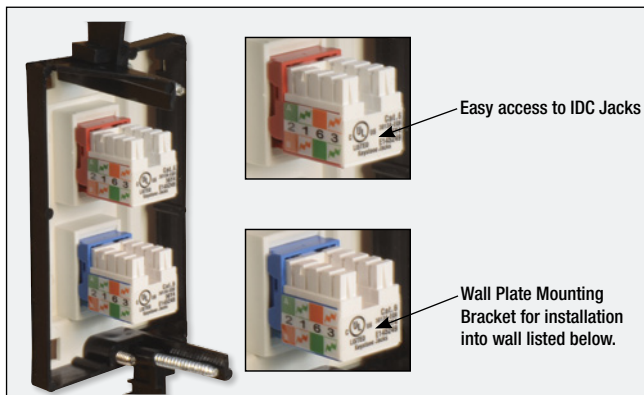
Tip How isolation works

Isolators place a physical barrier between your computer or other device and the network cables that are attached to it. Only data can travel across this barrier through the coupling of magnetic fields. Hazardous voltages and ground potential differences are blocked. Surge suppressors don't electrically separate the connected equipment - they use special components to limit the energy that can travel through a data connection. Isolators eliminate the wire connections that surge suppressors don't.



Decora Style Wall Plate System with Keystone Ports

Combine all your cable connections into L-com's Decora style wall plates. This popular design provides a clean, modern look to cable connections in a finished room. With support for up to three keystone jacks, you can easily combine all your telephone, network, and video connections needs in one Decora plate for a professional, finished appearance. Volume discounts are available; contact us today with your project needs.



Item #	Description	Color	1-9	10-24	25-99	100+
MWP500S-WT	Decora Style Single Gang Wall Plate	White	1.50	1.38	1.26	CALL
MWP500D-WT	Decora Style Double Gang Wall Plate	White	2.02	1.86	1.70	CALL
MWP501-WT	Decora Style Wall Plate Insert with 1 Keystone Port	White	1.81	1.67	1.52	CALL
MWP502-WT	Decora Style Wall Plate Insert with 2 Keystone Ports	White	1.92	1.76	1.61	CALL
MWP503-WT	Decora Style Wall Plate Insert with 3 Keystone Ports	White	2.02	1.86	1.70	CALL

Category 5e, 6 and 6a - 110 Keystone Jacks - 90 Degree Style

L-com's keystone 110 punch down style connectors offer users simple installation via the popular 110 punch down style connecting system. Each jack is color coded for the EIA/TIA568 A and B standards.

MJS110C5E-WT	Category 5e Keystone Jack, 110/RJ45 (8x8) 568A/B	White	3.57	3.22	2.86	CALL
MJS110C5E-IV	Category 5e Keystone Jack, 110/RJ45 (8x8) 568A/B	Ivory	3.57	3.22	2.86	CALL
MJS110C5E-BLK	Category 5e Keystone Jack, 110/RJ45 (8x8) 568A/B	Black	3.57	3.22	2.86	CALL
MJS110C5E-YL	Category 5e Keystone Jack, 110/RJ45 (8x8) 568A/B	Yellow	3.57	3.22	2.86	CALL
MJS110C5E-BL	Category 5e Keystone Jack, 110/RJ45 (8x8) 568A/B	Blue	3.57	3.22	2.86	CALL
MJS110C5E-RD	Category 5e Keystone Jack, 110/RJ45 (8x8) 568A/B	Red	3.57	3.22	2.86	CALL
MJS110C6-WT	Category 6 Keystone Jack, 110/RJ45 (8x8) 568A/B	White	4.40	3.96	3.52	CALL
MJS110C6-IV	Category 6 Keystone Jack, 110/RJ45 (8x8) 568A/B	Ivory	4.40	3.96	3.52	CALL
MJS110C6-BLK	Category 6 Keystone Jack, 110/RJ45 (8x8) 568A/B	Black	4.40	3.96	3.52	CALL
MJS110C6-YL	Category 6 Keystone Jack, 110/RJ45 (8x8) 568A/B	Yellow	4.40	3.96	3.52	CALL
MJS110C6-BL	Category 6 Keystone Jack, 110/RJ45 (8x8) 568A/B	Blue	4.40	3.96	3.52	CALL
MJS110C6-RD	Category 6 Keystone Jack, 110/RJ45 (8x8) 568A/B	Red	4.09	3.68	3.27	CALL

Wall Plate Mounting Bracket for Class 2 Wiring

The wall plate mounting bracket is an excellent aid for electricians and cable installers to mount single gang wall plates at any convenient wallboard location. There is no need for traditional metal boxes which inhibit the installation of coaxial and data cables. Furthermore, users can make use of the complete wall cavity to hold excess cable and avoid sharp bends. These brackets have universally spaced threaded holes to accept any standard single or double gang wall plate. It's simple to install, just start by making a 2.125"W x 3.625"H (5.4cm x 9.2cm, single gang) or 3.875"W x 3.625"H (9.8cm x 9.2cm, double gang) rectangular hole and then tighten the built-in mounting screws. Large quantity pricing for installation contractors is available upon request.

WPMB1	Wall Plate Mounting Bracket for Class 2 Wiring, Single Gang	3.06	2.81	2.57	CALL
WPMB2	Wall Plate Mounting Bracket for Class 2 Wiring, Double Gang	4.09	3.77	3.44	CALL

Shielded Category 5e and 6 Surface Mount Boxes

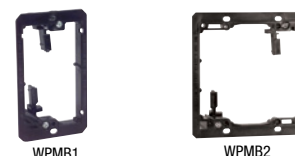
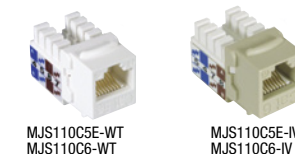
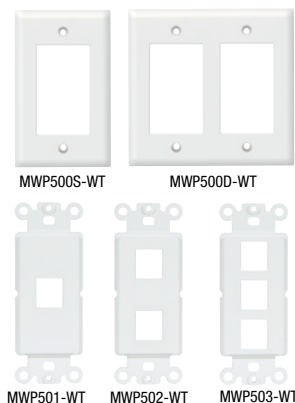
L-com's Shielded Modular Surface Mount Boxes offer users a complete solution to EMI/RFI problems. By utilizing fully shielded jacks and connecting hardware, users can reduce the effects of interference on the network data transmissions. All jacks feature 110-style punch down connections for fast and easy termination. Surface mount boxes come pre-installed with shielded jacks.

SMB110C5ES-S	Shielded Category 5e Surface Mount Jack with 1 RJ45 (8x8) 568A/B	8.24	7.58	6.92	CALL
SMB110C6S-S	Shielded Category 6 Surface Mount Jack with 1 RJ45 (8x8) 568A/B	10.31	9.49	8.66	CALL
SMD110C5ED-S	Shielded Category 5e Surface Mount Jack with 2 RJ45s (8x8) 568A/B	12.38	11.39	10.40	CALL

Surface Mount Boxes for Keystone Jacks

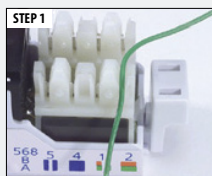
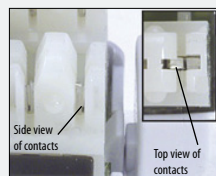
These one and two port surface mount boxes can accept standard keystone insert options. These boxes feature a location for icon inserts to identify each port for the connection type.

SMB01K-WT	Surface Mount Box for 1 Keystone Insert	White	2.02	1.86	1.70	CALL
SMB01K-IV	Surface Mount Box for 1 Keystone Insert	Ivory	2.02	1.86	1.70	CALL

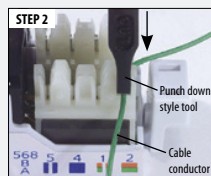


Note: Keystone inserts are not included, order separately. See MJS

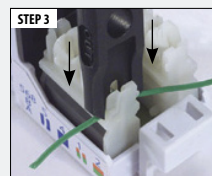
Tip How does a 110 IDC contact work?



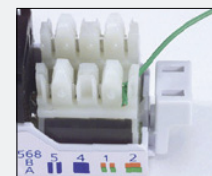
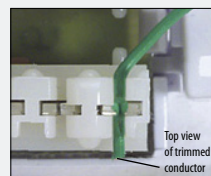
Place the solid or stranded conductor between the two contacts.



Punch the conductor down into place using a 110 style tool. You can use part #H351.



As you continue to push the tool down, the IDC contacts cut through the conductor jacket and touch the copper conductor. After the tool is released, you will see that the excess conductor is severed.



The conductor is now pushed down tightly between the IDC contacts.



DCWM110C5E-12



DCWM110C6-12



DCP110C5E-24



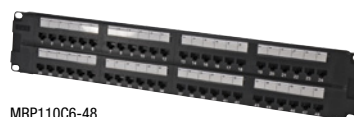
DCP110C5E-48



DCP110C6-24



DCP110C6-48



MRP110C6-48



DCPT100BT24



DCP110C5E-24S



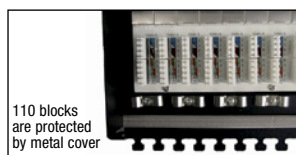
DCP110C5E-48S



DCP110C6-24S



DCP110C6-48S



110 blocks are protected by metal cover

Item #	Description	1-9	10-24	25-99	100+
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110 Style Accessories - The Most Popular Way to Achieve Category 5e and 6 Performance

The 110 connect system is a high performance means of terminating UTP wiring and it is currently the most popular choice in installations. This system utilizes wiring blocks, connecting blocks, patch panels, 24 AWG UTP cabling and patch cords.

Most 110 style wiring blocks come pre-configured to a number of RJ45 ports, allowing easy patching with RJ45-RJ45 data grade patch cords. L-com offers a variety of common 110 style components. Other styles and configurations can be supplied on a custom basis; call our Technical Support Department for assistance.

Category 5e Wall Mount 12 Port Patch Panel

The Category 5e wall mount 12 port patch panel offers users an economical way to terminate smaller groups of connections without the need to install a rack system. Each block features industry standard 110 style connections and write-on surfaces for port identification. These panels are universally marked for EIA568A and EIA568B color codes.

DCWM110C5E-12	Category 5e Patch Panel, 12 Port EIA568A/B	49.74	45.76	41.78	CALL
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Category 6 Wall Mount 12 Port Patch Panel

The Category 6 wall mount 12 port patch panel offers users high performance in a small package. Users can terminate Category 6 cabling without the need to install a rack system. Each block features industry standard 110 style connections and write-on surfaces for port identification. These panels are universally marked for EIA568A and EIA568B color codes.

DCWM110C6-12	Category 6 Patch Panel, 12 Port EIA568A/B	55.95	51.48	47.00	CALL
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Category 5e 19" (48.3cm) Rack Mount Patch Panel - 24 and 48 Port

L-com's Category 5e 19" (48.3cm) rack mount patch panels come pre-configured in 24 and 48 port versions. These panels feature industry standard 110 punch-down style termination for quick installation. Users can identify ports by either writing directly on the screened in label surfaces or using a regular label printer to create labels. Each port is EIA568A/B color encoded for compatibility with all types of network jacks and cabling.

DCP110C5E-24	Category 5e Patch Panel, 24 Port EIA568A/B	110.87	102.00	93.13	CALL
DCP110C5E-48	Category 5e Patch Panel, 48 Port EIA568A/B	245.58	225.93	206.29	CALL

Category 6 19" (48.3cm) Rack Mount Patch Panel - 24 and 48 Port

For enhanced performance users can choose L-com's Category 6 rack mount patch panels. These panels feature Category 6 performance for today's high-speed network installations. Installers will find easy to use 110 style punch down terminals for quick installation. Each port is EIA568A/B color encoded for compatibility with all types of network jacks and cabling.

DCP110C6-24	Category 6 Patch Panel, 24 Port EIA568A/B	170.97	157.30	143.62	CALL
DCP110C6-48	Category 6 Patch Panel, 48 Port EIA568A/B	281.85	259.30	236.75	CALL
MRP110C6-48	Category 6 Patch Panel, 48 Port EIA568A/B (Write-on Surface for Port ID)	227.96	209.73	191.49	CALL

100Base-T, Category 5 Telco Patch Panels - 24 Port

These low profile, high density Telco patch panels provide the ability to connect up to 24 Cat5 Ethernet patch cords to four 25 pair Telco style interface connectors, while maintaining Category 5 100 Base-T performance throughout the cabling system.

DCPT100BT24	Category 5 Patch Panel 1U High, 24 Port Telco	113.98	104.86	95.74	CALL
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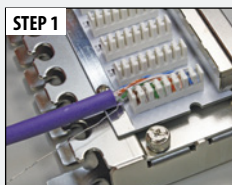
24/48 Port Category 5e/6 Shielded 19" (48.3cm) Patch Panel - Industrial Grade

These Category 5e/6 rack panels are fully shielded for use in areas with high levels of noise and EMI. Commonly used in industrial environments the panels are made using heavy gauge sheet metal that fully encloses over the circuit board and cable terminations for ultimate shielding. Permanent connections are made to 110 style IDC contacts and patching is made through shielded RJ45 (8x8) modular connectors. These panels mount into standard 19" (48.3cm) racks and take 1U of rack height 1.75" (4.4cm). Compatible with EIA568A or B wiring schemes. 18 AWG grounding wire included.

DCP110C5E-24S	Category 5e Patch Panel, 24 Port Shielded EIA568A/B	169.94	156.34	142.75	CALL
DCP110C5E-48S	Category 5e Patch Panel, 48 Port Shielded EIA568A/B	290.14	266.93	243.71	CALL
DCP110C6-24S	Category 6 Patch Panel, 24 Port Shielded EIA568A/B	224.86	206.87	188.88	CALL
DCP110C6-48S	Category 6 Patch Panel, 48 Port Shielded EIA568A/B	327.44	301.24	275.05	CALL

Tip How to terminate a cable drain wire

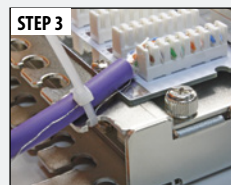
Termination of drain wire for each cable assembly that you wish to punch down to the panel.



Punch down your conductors onto the block to either the EIA/TIA 568A or 568B standard and make sure to keep the drain wire long enough for the next steps.



Wrap the Drain wire around the cable management holder (see image) and then around the jacket of the cable.



Using the included cable ties secure the cable and drain wire to the cable management holder. (repeat for each port)



Cut off any excess from the cable tie.

Item #	Description	1-9	10-24	25-99	100+
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Tela-Crimp Tool Provides High Level of Versatility and Termination Reliability

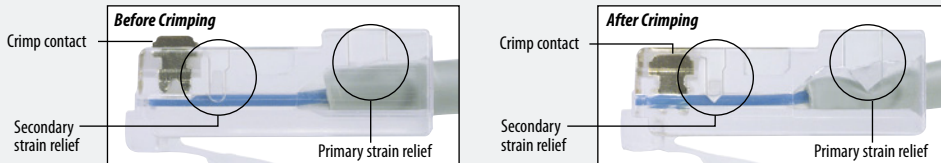
The ultimate design based on many years experience, this new model produces a perfect crimp every time and is offered at an affordable price. Dies need to be purchased separately. The following features should be noted:

- Full cycle ratchet action assures consistent terminations.
- A release lever is provided to prevent faulty crimps.
- The compound action produces high crimping forces with minimal user effort.
- A replaceable cutter and stripper are conveniently placed offering two strip lengths per industry standards.
- All dies are interchangeable and guarantee perfect alignment.
- The modular plug nests accept most configurations available within the industry today.
- Spring activated handles have cushion grips to minimize user fatigue.
- Tools are conservatively rated for 50,000 crimps.

HTS7100	Crimp Tool Only, accepts any HTS7100 Die Set	72.48	71.03	69.58	CALL
HTS7100-04	4 Position Die Set with Primary & Secondary Strain Relief for RJ22 Handset Plugs	31.03	30.41	29.79	CALL
Note: This die is equipped with a secondary strain relief. For use with Stewart and generic plugs only. May damage other vendor's plugs.					
HTS7100-06A	6 Position Die Set without Secondary Strain Relief, for all RJ11 & RJ12 Plugs	31.03	30.41	29.79	CALL
HTS7100-08A	8 Position Die Set without Secondary Strain Relief, for all RJ45 Plugs	31.03	30.41	29.79	CALL
HTS7100-10	10 Position Die Set without Secondary Strain Relief	35.18	34.48	33.77	CALL

Tip What is a primary and secondary strain relief?

The three main points of contact within any plug are the crimp contact, primary strain relief and secondary strain relief. Compatibility issues exist between various plug and tool designs with respect to the secondary strain relief. If the plug and tool are slightly misaligned due to incompatibility, bad crimps end up crushing the plug. The plugs and tools listed have been carefully chosen to minimize compatibility problems.



UTP/STP Cable Stripper for Round or Flat Cable

This handy cable stripping tool is a great addition to any cable installer's tool belt. Featuring an adjustable blade for all sizes of UTP, STP, and flat silver satin cabling, this tool allows users to consistently remove the cable jacket without damaging the internal conductors. The cable stripper also features a built in cable cutter.

HTS501	Modular Cable Stripper for UTP/STP Round or Flat Cable	13.42	13.15	12.88	CALL
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Heavy Duty Two-in-One Tool - Strip and Crimp RJ11/12 and RJ45 Modular Cables

Finally a quality tool at a reasonable price. This two-in-one tool features a straight-line-parallel operation of the die set for precision crimping each and every time. Tool has two sets of dies to accept a 2, 4 or 6 position RJ11/12 and more important the RJ45 (8x8), either keyed or non-keyed. Equipped with a built-in wire stripper. All steel construction with plastic handle grips for overall comfort.

HT1500	Two-In-One Modular Crimp Tool	51.76	50.72	49.69	CALL
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Medium Service Hand Tools - Cut, Strip and Crimp Modular Plugs to Flat Cable

Durable modular crimp tools with carbon steel dies and all steel construction to withstand frequent use. Three tool types satisfy the requirements of crimping 4x4 handset, RJ11, RJ12, and RJ45 modular plugs. The HT210A accepts RJ45 plugs either with or without key.

HT210A	Modular Crimp Tool Kit for RJ45 Plugs	30.00	29.40	28.80	CALL
HT2096	Modular Crimp Tool for RJ11 and RJ12 Plugs	25.85	25.34	24.82	CALL
HT2094C	Modular Crimp Tool for 4x4 Handset Plugs	23.78	23.31	22.83	CALL

HTS2700 RJ45 (8P8C) Crimp, Cutter and Stripper Tool

L-com's HTS2700 RJ45 (8P8C) crimp tool combines a cable cutter and stripper to provide installers with the perfect tool for terminating L-com's unique TDS series RJ45 (8P8C) Ethernet connectors. An integrated crimp section allows proper termination of the shielded strain relief on our TDS series RJ45 connectors. Its compact design fits easily in your tool bag and eliminates the need to carry multiple tools for one job.

HTS2700	Crimp Tool	62.12	60.88	59.64	CALL
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10P10C (RJ50) Crimp Tool with Cut and Strip Function

The HTS9000 not only crimps 10P10C style connectors but it also cuts and strips your cable for complete cable preparation. This rugged tool is constructed of carbon steel and features a cushioned grip handle. This crimp tool can be used with L-com's TDR10P10C and TDR10P10CS-L, 10 position RJ50 plugs.

HTS9000	Crimp Tool for 10P10C RJ50 Plugs	51.76	50.72	49.69	CALL
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Cable Prep Tools - Fast, Easy Stripping of UTP or Data Cable Jacket Covers

These are the simplest tools we've ever seen for removing the jacket from round, unshielded or shielded twisted pair cable. The TCPT2 tool is intended for removing the jacket on UTP cable only. The second tool, the TCPT110, also incorporates a 110 blade for punching 110 blocks. Just insert the cable into the tool, twist/turn a couple of times and pull off the jacket slug. Simple and yet inexpensive enough to have a few on hand.

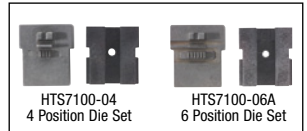
TCPT2	UTP Round Cable Jacket Stripper	7.20	7.06	6.91	CALL
TCPT110	UTP Round Cable Jacket Stripper with 110 Punch	8.24	8.07	7.91	CALL

Heavy Duty Modular Crimp Tool Kit Includes RJ45 and RJ11/12 Plugs

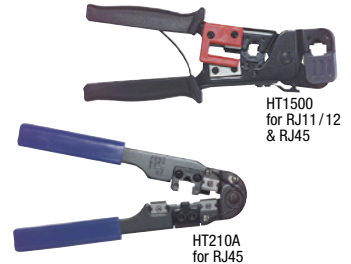
This tool kit includes 1 HT1500 crimping tool for RJ45 and RJ11/12 plugs, 20 RJ11/12 plugs for flat cable, 20 RJ11/12 plugs for round cable, 20 RJ45 plugs for flat cable, 20 RJ45 plugs for round cable and a four compartment case.

TCK68MOD	RJ45 and RJ12 Crimp Tool Kit with Plugs	62.12	60.88	59.64	CALL
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HTS7100
Frame Only



HTS501



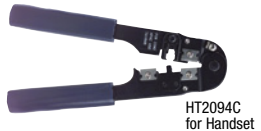
HT1500
for RJ11/12
& RJ45



HT210A
for RJ45



HT2096
for RJ11/12



HT2094C
for Handset



HTS2700



HTS9000
for RJ50



TCPT110



TCPT2



TCK68MOD

MP45P
Pkg/100MP45J
Pkg/100

S900LC50-I

S110K-4PR



S66M1-50-C5

C1127-A1-100
Pkg/100

CS925

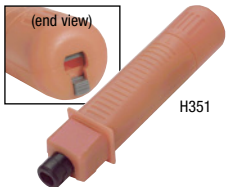


CK6

CS925KIT



HT1008



H351

H351B66
For 66 BlocksH351B110
For 110 BlocksH351B-K
For Krone Blocks

Item #	Description	1-9	10-24	25-99	100+
Protective Covers for Plugs and Jacks - Protect Unused Ports and Cables from Contact Damage					
These covers are perfect for protecting unused ports in wall plates and expensive equipment from physical damage, dirt and grime. Made from flexible PVC, these covers attach easily and stay in place with a snug friction fit.					
MP45P	RJ45 Protective Covers for Plugs, Pkg/100	17.56	17.21	16.86	CALL
MP45J	RJ45 Protective Covers for Jacks, Pkg/100	17.56	17.21	16.86	CALL

DSL Line Conditioner - Filters Noise for Better Performance

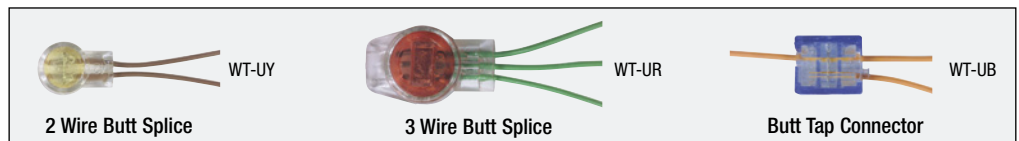
This DSL Line Conditioner filters out unwanted noise by using 2 pole low pass filters. Inline plug/jack configuration. Color: Ivory. Specifications: REN 0.2B; DC Resistance Through T&R to Phone: 10 Ohms; Loading Capacity: 47nF; Attenuation Distortion ± 1 dB max.; 3 dB Cutoff Point.

S900LC50-I	Inline DSL Conditioner, RJ12 (6x6) Male/Female	8.24	7.99	7.74	CALL
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Wire Tap and Butt Splice - Gel Filled IDC Connectors

These handy IDC connectors make wire splicing a snap. Gel filled IDC contact area provides a moisture resistant barrier for reliable connections. Usable with 19-26 AWG copper wire with a .066" (0.2cm) maximum insulation diameter (.060 max. for WT-UY). Sold in 100 piece packs.

WT-UY	UY Butt Splice 2 Wire Connector, Gel Filled, Pkg/100	14.08	13.52	12.96	CALL
WT-UR	UR Butt Splice, 3 Wire Connector, Gel Filled, Pkg/100	14.08	13.52	12.96	CALL
WT-UB	UB Butt Tap Connector, Gel Filled, Pkg/100	14.08	13.52	12.96	CALL



110 Wiring Block Field Termination Kits - Everything Necessary to Wire a 110 Block

Wiring blocks are the main instrument in setting up horizontal wiring in a 110 style connector system. Each kit contains one 100 pair wiring block with detachable legs, label holders with designation labels and sufficient connecting blocks. Each kit includes five four pair and one five pair connecting block per 25 pair termination strip. Designation strips are mounted to the wiring block addressing each cable termination.

S110K-4PR	100 Pair Wiring Block Kit with 4 Pair Connecting Blocks	46.58	45.65	44.71	CALL
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50 Pair 66 Style Category 5 Block

This 66 style 50 pair block has been designed to meet Category 5 requirements as specified by the EIA/TIA. Ease of use and low cost has made this style of block one of the most popular termination methods. Improved design now permits use in data applications up to 100 Mbps. Included are 100 quick connect bridging clips and a clear protective cover. 66 type tool required for termination.

S66M1-50-C5	50 Pair 66 Style Block, Category 5 Rated	20.67	20.26	19.85	CALL
C1127-A1-100	Bridging Clips for 66 Style Blocks, Pkg/100	13.42	13.15	12.88	CALL

Professional Grade Cable Splicer Knife, Scissor and Kit

These tools are a great addition to any cable technicians tool kit. The CS925 is an industrial grade serrated scissor capable of cutting thin wires and cable jacketing. This tool also has wire stripping notches on one blade as well as a scraper and file on the back of the other. The CK6 is a forged steel splicer knife with red cushioned handle. It comes in handy whenever a sharp blade is necessary. The CS925KIT offers both tools plus a heavy duty leather holder that will keep the knife and scissor secured to a tool belt.

CS925	Cable Splicer Serrated Scissor	17.56	17.21	16.86	CALL
CK6	Cable Splicer Knife	11.35	11.12	10.89	CALL
CS925KIT	Knife and Scissor with Holder	35.18	34.48	33.77	CALL

Parallel Action Pliers - Use for Compressing IDC Body to Jack

These parallel action pliers are great for crimping wire taps and butt splices. The jaws of the tool work close in parallel providing a better crimp than regular pliers.

HT1008	Parallel Action Pliers	41.40	40.57	39.74	CALL
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Premium Auto Impact Tool - Our Best Model, Features an Adjustable Spring Load

Now installers can make effortless, uniform connections with L-com's premium auto impact tool. Set tool for high or low impact with a variable impact pressure control that will provide the right amount of force. Blades are easily reversible, one end terminates only while the other terminates and cuts. This model features a hidden storage compartment which opens to fit an extra blade. Accepts blades for 66, 110 and Krone use. This tool comes without blades, order separately.

H351	Premium Impact Tool Body Only, Without Blade	40.36	39.55	38.75	CALL
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Reversible Blades - Fit H351 Series Tool

H351B66	Impact Blade, Reversible for 66 Terminals	10.31	10.10	9.90	CALL
H351B110	Impact Blade, Reversible for 110 Terminals	10.31	10.10	9.90	CALL
H351B-K	Impact Blade, Reversible for Krone Terminals	10.31	10.10	9.90	CALL

Note: Mixing of blades is allowed for quantity pricing

Item #	Description	Code	1-9	10-24	25-99	100+
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The Ultimate in Modular Telco Plugs, Made in the USA, Comply with Industry Standards

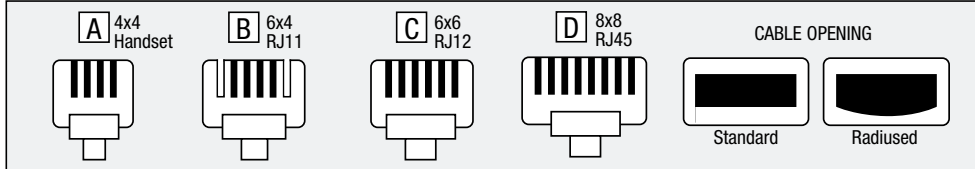
L-com offers Stewart modular plugs featuring mirror smooth contact surfaces for extended mating life. Lowest contact resistance and high reliability. Pre-inserted selectively gold plated contacts are ready for mass termination on most industry compatible crimping machines and hand tools. Fully complies with FCC & telephone industry standards for size and performance. Choice of plugs for flat modular or round UTP cable. Plugs accept 24-28 AWG stranded or solid conductors. Sold only in packages of 100 plugs.

Modular Plugs for Flat Cable -With Standard Rectangular Cable Entrance

TSP3044	Modular Plugs, Handset (4x4), Pkg/100	A	31.03	28.55	26.07	CALL
TSP3046	Modular Plugs, RJ11 (6x4), Pkg/100	B	31.03	28.55	26.07	CALL
TSP3066	Modular Plugs, RJ12 (6x6), Pkg/100	C	36.22	33.32	30.42	CALL
TSP3088	Modular Plugs, RJ45 (8x8), Pkg/100	D	51.76	47.62	43.48	CALL

Modular Plugs for Round Twisted Pair Cable -With Radiused Cable Entrance

TSP3046R	Modular Plugs, RJ11 (6x4), Pkg/100	B	31.03	28.55	26.07	CALL
TSP3066R	Modular Plugs, RJ12 (6x6), Pkg/100	C	36.22	33.32	30.42	CALL
TSP3088R	Modular Plugs, RJ45 (8x8), Pkg/100	D	51.76	47.62	43.48	CALL



Shielded Modular Plugs for Round Twisted Pair Cable -With Radiused Cable Entrance

TD6P6CSR-L	Modular Plugs, RJ12 (6x6), Pkg/50		41.40	40.57	38.91	CALL
TDR10P10CS-L	Modular Plugs, RJ50 (10x10), Pkg/100		72.48	69.58	66.68	CALL

Stranded Conductor Modular Plugs -Rectangular Entry for Flat Cable

A full complement of modular plugs is offered for all applications. Piercing-type connections are simultaneously made through each stranded conductor of 24-28 AWG flat modular cable. 15 microinches (0.381µm) gold plating on contacts. Sold in packages of 100 plugs.

TD4P4HS	Modular Plugs, Handset (4x4), Pkg/100		20.67	19.02	17.36	CALL
TD6P4C	Modular Plugs, RJ11 (6x4), Pkg/100		20.67	19.02	17.36	CALL
TD6P6C	Modular Plugs, RJ12 (6x6), Pkg/100		25.85	23.78	21.72	CALL
TD6P6MMJ	Modular Plugs, MMJ (6x6), Pkg/100		36.22	33.32	30.42	CALL
TD8P8C	Modular Plugs, RJ45 (8x8), Pkg/100		41.40	38.08	34.77	CALL
TD8P8CK	Modular Plugs, RJ45 (8x8) (Keyed), Pkg/100		41.40	38.08	34.77	CALL

Stranded Conductor Modular Plugs -Radiused Entry for Round or Flat Cable

These modular plugs have a radiused rear entry compatible with most round and flat cables. 50 microinches gold plating on contacts. Compatible with 24-28 AWG stranded conductors.

TDR6P4C	Modular Plugs, RJ11 (6x4), Pkg/100		20.67	19.02	17.36	CALL
TDR6P6C	Modular Plugs, RJ12 (6x6), Pkg/100		25.85	23.78	21.72	CALL
TDR8P8C	Modular Plugs, RJ45 (8x8), Pkg/100		41.40	38.08	34.77	CALL
TDR10P10C	Modular Plugs, RJ50 (10x10), Pkg/100		51.76	47.62	43.48	CALL

High Performance Category 5/5e and Category 6 Staggered Alignment Plugs

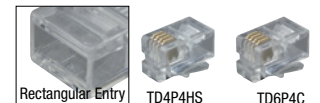
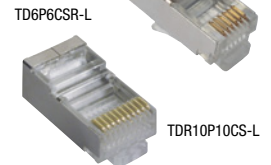
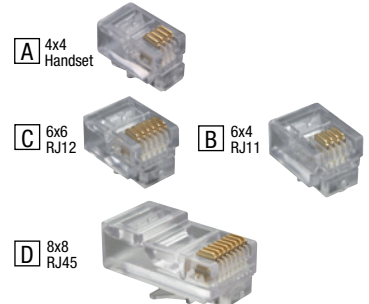
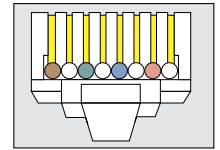
Stewart's staggered-pin Category 5/5e and Category 6 rated RJ45 crimp plugs are designed for today's high performance networks. A superior two-prong contact design works for both solid and stranded conductors. The multi-level contact design helps improve performance. The shielded version protects against EMI/RFI interference and maintains proper ground connection. Sold in packages of 50 plugs.

TSP4288C6	Modular Plugs, RJ45(8x8) Category 6, Pkg/50		51.76	47.62	43.48	CALL
TSP4088C5	Modular Plugs, RJ45(8x8) Category 5/5e, Pkg/50		31.03	28.55	26.07	CALL
TSP4088C5S	Modular Plugs, RJ45(8x8) Category 5/5e Shielded, Pkg/50		51.76	47.62	43.48	CALL

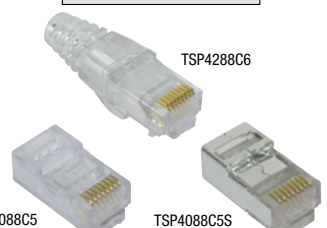
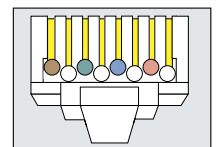


- FCC compliant, Part 68; Doc. 47, Sub F.
- UL component recognized, File E132408(N)-DUXR2.
- Certified Canadian Standards Assn., File 67725.

Standard Alignment

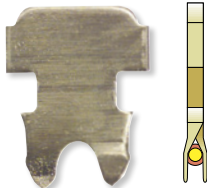


Staggered Alignment



Tip What is the difference between stranded and solid contact design?

Solid or Stranded



Two point staggered for solid or stranded. The contact prongs straddle the conductor.

Stranded Only



Piercing type for stranded. Jagged end pierces jacket and embeds into the strands of the conductor.

Solid or Stranded



Tripoint type for solid or stranded. Long contact prongs spread apart to accept conductor.



Item #	Description	1-9	10-24	25-99	100+
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Shielded Long Body RJ45 Generic Plug

This plug will accept round or flat cable with solid or stranded wires. Prices shown are per piece. Compatible with generic 8x8 crimp tools such as L-com part numbers: HT210A, HT1500, HTS7100 + HTS7100-08A die set and HTS2100 + HTS2100-08 die set.

T8P8CSR	Shielded Modular Plug, RJ45 (8x8), Single	0.98	0.91	0.83	CALL
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Slim-line Plugs

Slim-line plugs are designed to be used with L-com's slimline bulk cables (pages 74 & 75) or similar 28AWG Ethernet cable.

TSP8028C6	Unshielded C6 Slim-line 28AWG Modular Plug, RJ45 (8x8), Pkg/50	20.67	19.02	17.36	CALL
TSP8028C6A	Shielded C6a Slim-line 28AWG Modular Plug, RJ45 (8x8), Pkg/50	31.03	28.55	26.07	CALL

Shielded Category 5e and Category 6 RJ45 Plugs for Solid or Stranded Cables

These superior high performance shielded plugs allow users to perform factory grade terminations in the field. A unique metallic strain relief provides superior cable retention and a reliable 360° shielding contact. The short body design combined with a loading bar allows easy insertion while maintaining Category 5e or Category 6 twist requirements. Superior two-point contact design is compatible with solid and stranded cable. See L-com.com for complete listing of sizes and colors.

TDS8PC5	Category 5e Shielded Modular Plug, RJ45 (8x8), Pkg/50	67.30	64.61	61.92	CALL
TDS8PC6	Category 6 Shielded Modular Plug, RJ45 (8x8), Pkg/50	72.48	69.58	66.68	CALL
TDS8CVR-GR	8x8 Shielded Snap-on Covers, Gray - Pkg/50	16.53	15.21	13.88	CALL
TDS8CVR-BK	8x8 Shielded Snap-on Covers, Black - Pkg/50	16.53	15.21	13.88	CALL
TDS8CVR-BL	8x8 Shielded Snap-on Covers, Blue - Pkg/50	16.53	15.21	13.88	CALL
TDS8CVR-GN	8x8 Shielded Snap-on Covers, Green - Pkg/50	16.53	15.21	13.88	CALL
TDS8CVR-IV	8x8 Shielded Snap-on Covers, Ivory - Pkg/50	16.53	15.21	13.88	CALL
TDS8CVR-RD	8x8 Shielded Snap-on Covers, Red - Pkg/50	16.53	15.21	13.88	CALL
TDS8CVR-WH	8x8 Shielded Snap-on Covers, White - Pkg/50	16.53	15.21	13.88	CALL
TDS8CVR-YL	8x8 Shielded Snap-on Covers, Yellow - Pkg/50	16.53	15.21	13.88	CALL
MPC45D45-BLK	LSZH Snagless "Shark Fin" Style Boot, 4.5mm Black, Pkg/50	15.49	15.18	14.56	CALL
MPC45D50-BLK	LSZH Snagless "Shark Fin" Style Boot, 5.0mm Black, Pkg/50	15.49	15.18	14.56	CALL
MPC45D55-BLK	LSZH Snagless "Shark Fin" Style Boot, 5.5mm Black, Pkg/50	15.49	15.18	14.56	CALL
MPC45D60-BLK	LSZH Snagless "Shark Fin" Style Boot, 6.0mm Black, Pkg/50	15.49	15.18	14.56	CALL
MPC45D65-BLK	LSZH Snagless "Shark Fin" Style Boot, 6.5mm Black, Pkg/50	15.49	15.18	14.56	CALL
MPC45D70-BLK	LSZH Snagless "Shark Fin" Style Boot, 7.0mm Black, Pkg/50	17.56	17.21	16.51	CALL
TSP8048C5S	Category 6 Shielded Modular Plug, RJ45 (8x8), for Large OD Conductors	6.17	6.04	5.92	CALL
TSP8048C5S-10PK	Category 6 Shielded Modular Plug, RJ45 (8x8), for Large OD Conductors, Pkg/10	53.83	52.75	51.68	CALL
HT1500	Two-In-One Modular Crimp Tool	51.76	50.72	49.69	CALL

High Performance Shielded Category 6a Plugs for Solid or Stranded Cables

These high performance C6a plugs are designed to meet the strict 10 Gigabit 6a standards. A superior two-prong contact design works for both Solid and Stranded conductors. 360° strain relief provides superior shield termination and all plugs come with a wire aligner and load bar for an easy installation. Plugs come in three versions to suit all conductor OD options; please refer to **L-com.com** for complete specifications.

TSP6088S	Category 6a Shielded Modular Plug, RJ45 (8x8), Pkg/100	165.74	155.80	145.85	CALL
TSP8048C6AS-25PK	Category 6a Shielded Modular Plug, RJ45 (8x8), for Large OD Conductors, Pkg/25	134.65	131.96	129.27	CALL
TSP6188S-25	Category 6a Shielded Modular Plug, RJ45 (8x8), for Small OD Conductors, Pkg/25	93.21	90.41	88.55	CALL
HTS8200	Crimp Tool for Shielded Category 6a Plugs	414.43	406.14	397.85	CALL

Field Terminable 6a RJ45 Connectors

IP20 rated, IDC Field Terminable, 10 Gig rated RJ45 connectors are perfect for terminating in the field without any special tools.

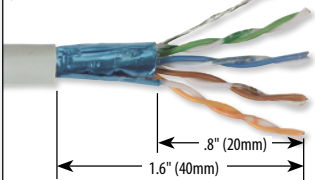
TSPFTC6AS	Category 6a Shielded Field Terminable Plug, RJ45 (8x8)	12.38	11.39	10.40	CALL
TSPFTC6ASJ	Category 6a Shielded Field Terminable Jack, RJ45 (8x8)	12.38	11.39	10.40	CALL

Tip How to assemble a TDS8PC5 and TDS8PC6 series shielded Category 5e and Category 6 modular plug

Online Video

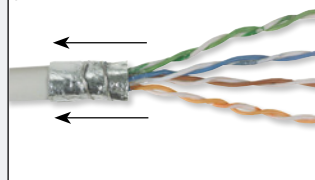
L-com.com/Videos/A22

STEP 1



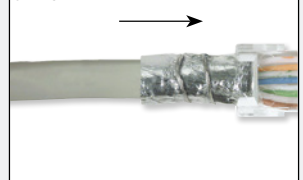
Strip jacketing and shield to dimensions shown.

STEP 2



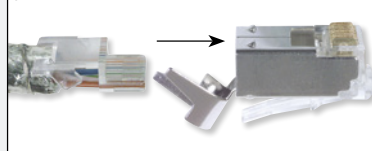
Fold shield back onto jacketing. Wrap drain wire one and a half times around shield. Trim excess.

STEP 3



Untwist pairs and arrange to desired order. Trim conductors at an angle and insert into loading bar. Trim excess wires.

STEP 4



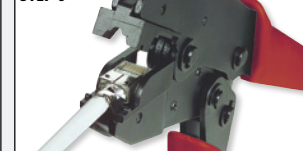
Insert prepared cable into plug.

STEP 5

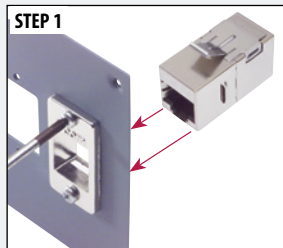


Bend strain relief to lay along cable.

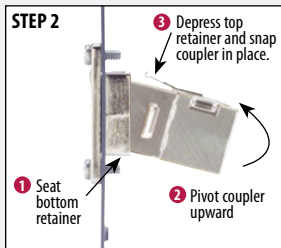
STEP 6



Crimp plug with the specially designed HTS2700 crimp tool.

Tip Easily install a premium ECF coupler kit**Online Video**L-com.com/Videos/A09**STEP 1**

Secure frame in specified opening with supplied hardware and align coupler in proper orientation to the opening.

STEP 2

Seat bottom retainer and pivot coupler upward while depressing upper retainer.

STEP 3

Coupler fully seated.

Exclusive

ECF504-C3



ECF504-SC3

Best Seller

ECF504-C5



ECF504-SC5E



ECF504-C6



ECF504-SC6



ECF504-C6A



ECF504-SC6A

Item #	Description	1-9	10-24	25-99	100+
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Premium Panel Mounted Modular Coupler Kits - Category 3, 5e and 6 - Shielded and Unshielded

These unique coupler kits allow panel mounting in virtually any panel thickness. A solid die-cast metal mounting frame provides secure mounting and reliable grounding. Kits include a snap-in coupler, mounting frame and two 4-40 machine screws.

ECF504-C3	Category 3 Unshielded RJ45 (8x8) Deluxe Panel Coupler Kit	5.13	4.72	4.31	CALL
ECF504-SC3	Category 3 Shielded RJ45 (8x8) Deluxe Panel Coupler Kit	7.72	7.10	6.48	CALL
ECF504-C5	Category 5e Unshielded RJ45 (8x8) Deluxe Panel Coupler Kit	7.72	7.10	6.48	CALL
ECF504-SC5E	Category 5e Shielded RJ45 (8x8) Deluxe Panel Coupler Kit	10.31	9.49	8.66	CALL
ECF504-C6	Category 6 Unshielded RJ45 (8x8) Deluxe Panel Coupler Kit	8.76	8.06	7.35	CALL
ECF504-SC6	Category 6 Shielded RJ45 (8x8) Deluxe Panel Coupler Kit	10.83	9.96	9.10	CALL
ECF504-C6A	Category 6a Unshielded RJ45 (8x8) Deluxe Panel Coupler Kit	13.42	12.35	11.27	CALL
ECF504-SC6A	Category 6a Shielded RJ45 (8x8) Deluxe Panel Coupler Kit	16.53	15.21	13.88	CALL

Telecom and Network Grade Patch Panels

These 19" (48.3cm) panels feature L-com's exclusive ECF series flange mounted feed-thru couplers. These couplers are available in Category 3, Category 5e or Category 6 in either shielded or non-shielded styles. The ECF series couplers are unique in that they use 2 4-40 screws to firmly attach the connector flange to the rack panel. The panels have a powder coat black finish for durability and each port is numbered to simplify cable organization and tracking. Both 16 and 32 port versions are available.

PR175F504B-C3	1.75" (4.4cm) Panel with 16 Category 3 Couplers	148.12	142.20	136.27	CALL
PR175F504B-SC3	1.75" (4.4cm) Panel with 16 Category 3 Shielded Couplers	182.32	175.03	167.73	CALL
PR35F504B-C3	3.50" (8.9cm) Panel with 32 Category 3 Couplers	262.11	251.62	241.14	CALL
PR35F504B-SC3	3.50" (8.9cm) Panel with 32 Category 3 Shielded Couplers	341.89	328.22	314.54	CALL
PR175F504B-C5	1.75" (4.4cm) Panel with 16 Category 5e Couplers	193.72	185.97	178.22	CALL
PR175F504B-SC5	1.75" (4.4cm) Panel with 16 Category 5e Shielded Couplers	262.11	251.62	241.14	CALL
PR35F504B-C5	3.50" (8.9cm) Panel with 32 Category 5e Couplers	364.69	350.10	335.52	CALL
PR35F504B-SC5	3.50" (8.9cm) Panel with 32 Category 5e Shielded Couplers	455.88	437.64	419.41	CALL
PR175F504B-C6	1.75" (4.4cm) Panel with 16 Category 6 Couplers	227.91	218.80	209.68	CALL
PR175F504B-SC6	1.75" (4.4cm) Panel with 16 Category 6 Shielded Couplers	284.90	273.51	262.11	CALL
PR35F504B-C6	3.50" (8.9cm) Panel with 32 Category 6 Couplers	398.89	382.93	366.97	CALL
PR35F504B-SC6	3.50" (8.9cm) Panel with 32 Category 6 Shielded Couplers	490.07	470.47	450.87	CALL
PR175F504B	1.75" (4.4cm) Panel, 16 ECF Style Cutouts, Black	45.54	43.72	41.90	CALL
PR35F504B	3.50" (8.9cm) Panel, 32 ECF Style Cutouts, Black	45.54	43.72	41.90	CALL

PR175F504B-C3
PR175F504B-C5
PR175F504B-C6PR175F504B-SC3
PR175F504B-SC5
PR175F504B-SC6PR35F504B-C3
PR35F504B-C5
PR35F504B-C6PR35F504B-SC3
PR35F504B-SC5
PR35F504B-SC6

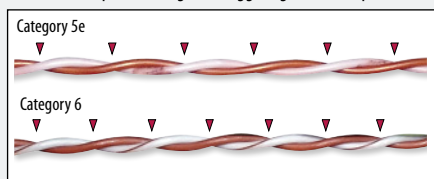
PR175F504B



PR35F504B

Tip What is the difference between Category 5e & Category 6 100 Ohm UTP?

The Category 6 standard adopted in mid 2002 extended key parameters over Category 5e specifications. The additional headroom is intended to provide quality transmission at higher data rates required by emerging applications. As the chart indicates, the most prominent difference is the frequency at which the key parameters are measured. The jump from 100 to 250 MHz places a great deal of emphasis on component quality as well as installation techniques. This improvement is commonly noticed by the increased pair twisting and staggering of twisted pairs.



	Category 5e	Category 6
Frequency	100 MHz	250 MHz
Attenuation	22db	19.8db/100M @ 100 MHz 32.8db/100M @ 250 MHz
Return Loss	19db	19db @ 100 MHz 15.6db @ 250 MHz
Delay Skew	45ns	45ns
Near End Crosstalk (NEXT)	35.3db	44.3db @ 100 MHz 38.3db @ 250 MHz
Power Sum Near End Crosstalk (PS-NEXT)	32.3db	42.3db @ 100 MHz 36.3db @ 250 MHz
Equal Level Far End Crosstalk (ELFEXT)	23.8db	27.8db @ 100 MHz 19.8db @ 250 MHz
Power Sum Equal Level Far End Crosstalk (PS-ELFEXT)	20.8db	24.8db @ 100 MHz 16.8db @ 250 MHz

Best Seller

UPR35-6B

UPR-S-KIT
UPR-A-KIT

USPB



USP-A



USP-P



USP2ECF4SB



USP2ECF6SB



USP2ECF8SB



USP2ECF4SB



USP2ECF6SB



USP2ECF8SB



USP2ECF-C3B



USP2ECF-C5EB

USP2ECF-C6B

USP2ECF-C6B



USP2MC5B



USP4MC6B



USP2MC5B

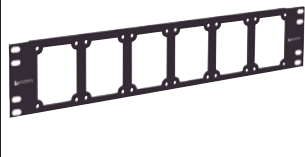


USP4MC6B

Tip

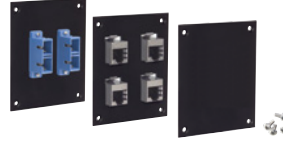
Build Custom Configurations with L-com's Universal Rack Panel System

STEP 1



Start with the Master Rack Panel, UPR35-6B.

STEP 2



Now select a ready made sub-panel that works with your rack panel.

STEP 3



Using a Phillips or Flat screwdriver, install your sub-panels in the master rack panel.

Item #	Description	Color	1-9	10-24	25-99	100+
UPR35-6B	Master Rack Panel	Black	28.96	27.80	26.64	CALL
UPR-S-KIT	Master Rack Panel with 6 Black Steel Blanks	Black	53.83	51.68	49.52	CALL
UPR-A-KIT	Master Rack Panel with 6 Black Aluminum Blanks	Black	53.83	51.68	49.52	CALL

Universal Master Rack Panel with 6 Openings

L-com's Universal Series offers installers the ability to customize their installation with different connections within a single rack panel. The Universal Series panels can save time, money and rack space in an installation project. The master panels feature six punched rectangular openings that will accept any of the numerous sub-panels shown in this catalog. Sub-panel openings are 2.20" (5.6cm) x 2.75" (7.0cm).

Universal Series Blank Sub-Panels

Universal Series blank sub-panels can be used to cover unused openings or may be used to customize a panel assembly. These panels come in 3 different styles for users to choose from: black anodized aluminum, white high impact plastic, or black steel. The aluminum and plastic panels offer the easiest option for custom drilling or punching holes. The black steel panels are constructed of sturdy cold rolled steel for durability. Each sub-panel is equipped with four pre-tapped holes to accept the four 6-32 mounting screws which are supplied.

USPB	Universal Steel Blank Sub-Panel	Black	5.13	4.92	4.72	CALL
USP-A	Universal Aluminum Blank Sub-Panel	Black	5.13	4.92	4.72	CALL
USP-P	Universal Plastic Blank Sub-Panel	White	5.13	4.92	4.72	CALL

Universal Series Sub-Panels Featuring Telecom/Network Grade Connections

The Universal sub-panel series offers connections for telecom and network equipment. Choose between Category 3, Category 5e or Category 6 rated connections either shielded or non-shielded. Panel choices offer both feed-thru style couplers and jacks with 110 style punch terminations. Either 2 or 4 connections per panel can be chosen and blank panels are available for further customization. All panels are black steel and come equipped with four pre-tapped holes to accept the four 6-32 mounting screws which are supplied.

USP2ECF4SB	Sub-Panel with 2 ECF Style RJ11 (6x4) Couplers, Straight Wired	16.53	15.87	15.21	CALL
USP2ECF6SB	Sub-Panel with 2 ECF Style RJ12 (6x6) Couplers, Straight Wired	16.53	15.87	15.21	CALL
USP2ECF8SB	Sub-Panel with 2 ECF Style RJ45K (8x8) Keyed Couplers, Straight Wired	18.60	17.86	17.11	CALL
USP2ECFB4SB	Sub-Panel with 2 ECF Style RJ11 (6x4) Couplers, Straight Wired	20.67	19.85	19.02	CALL
USP2ECFB6SB	Sub-Panel with 2 ECF Style RJ12 (6x6) Couplers, Straight Wired	20.67	19.85	19.02	CALL
USP2ECFB8SB	Sub-Panel with 2 ECF Style RJ45K (8x8) Keyed Couplers, Straight Wired	22.74	21.83	20.93	CALL
USP2ECF-C3B	Sub-Panel with 2 Category 3 RJ45 (8x8) Couplers	24.82	23.82	22.83	CALL
USP2ECF-SC3B	Sub-Panel with 2 Category 3 RJ45 (8x8) Couplers, Shielded	30.00	28.80	27.60	CALL
USP2MC5B	Sub-Panel with 2 Category 5e RJ45 (8x8) Couplers	18.60	17.86	17.11	CALL
USP4MC5B	Sub-Panel with 4 Category 5e RJ45 (8x8) Couplers	30.00	28.80	27.60	CALL
USP2SMC5B	Sub-Panel with 2 Category 5e RJ45 (8x8) Couplers, Shielded	22.74	21.83	20.93	CALL
USP4SMC5B	Sub-Panel with 4 Category 5e RJ45 (8x8) Couplers, Shielded	39.32	37.75	36.18	CALL
USP2MC6B	Sub-Panel with 2 Category 6 RJ45 (8x8) Couplers	20.67	19.85	19.02	CALL
USP4MC6B	Sub-Panel with 4 Category 6 RJ45 (8x8) Couplers	34.14	32.78	31.41	CALL
USP2SMC6B	Sub-Panel with 2 Category 6 RJ45 (8x8) Couplers, Shielded	25.85	24.82	23.78	CALL
USP4SMC6B	Sub-Panel with 4 Category 6 RJ45 (8x8) Couplers, Shielded	43.47	41.73	39.99	CALL
USP2ECF-C5EB	Sub-Panel with 2 ECF Kit Category 5e RJ45 (8x8) Couplers	31.03	29.79	28.55	CALL
USP2ECF-SC5EB	Sub-Panel with 2 ECF Kit Category 5e RJ45 (8x8) Couplers, Shielded	35.18	33.77	32.36	CALL
USP2ECF-C6B	Sub-Panel with 2 ECF Kit Category 6 RJ45 (8x8) Couplers	34.14	32.78	31.41	CALL
USP2ECF-SC6B	Sub-Panel with 2 ECF Kit Category 6 RJ45 (8x8) Couplers, Shielded	39.32	37.75	36.18	CALL
USP2KC-R5EB	Sub-Panel with 2 Category 5e Right Angle Keystone Couplers	33.11	31.78	30.46	CALL
USP2KCS-R5EB	Sub-Panel with 2 Category 5e Right Angle Keystone Couplers, Shielded	38.29	36.76	35.22	CALL
USP4KC-R5EB	Sub-Panel with 4 Category 5e Right Angle Keystone Couplers	57.98	55.66	53.34	CALL
USP4KCS-R5EB	Sub-Panel with 4 Category 5e Right Angle Keystone Couplers, Shielded	67.30	64.61	61.92	CALL
USP238B	Blank Sub-Panel with 2 Keystone Openings, Pre-Punched	7.20	6.91	6.63	CALL
USP231B	Blank Sub-Panel with 4 Keystone Openings, Pre-Punched	7.20	6.91	6.63	CALL
USP229B	Blank Sub-Panel with 2 ECF Style Openings, Pre-Punched	7.20	6.91	6.63	CALL

Universal Series Sub-Panel Mounted Cable D-Ring

A D-Ring style cable manager mounted to a sub-panel allows a convenient way to secure cables on the rack panel.

USP-CM134B	Sub-Panel Mounted Cable D-Ring	19.64	18.85	18.07	CALL
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USP2KC-R5EB



USP4KC-R5EB



USP2KCS-R5EB



USP4KCS-R5EB



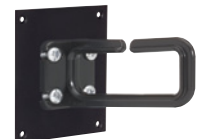
USP238B



USP231B



USP229B



USP-CM134B

Item #	Description	Color	1-9	10-24	25-99	100+
Deluxe Panel Mounted Modular Couplers, 30 Microinches (0.762µm) Gold, Ivory Color						
These straight and cross wired modular couplers are available exclusively from L-com. Six different configurations all fit into the same 0.675" (1.7cm) x 0.900" (2.3cm) rectangular opening. Wire contacts have 30 microinch (0.762µm) gold plating for multiple insertions. Plastic is 94V-0 rated. Flange accepts #4 or #5 mounting screws to be purchased separately. Category 3 rated.						
ECF504-4C	Modular Coupler, RJ11 (6x4), Crossed, 30µ (0.762µm)	Ivory	4.09	4.01	3.85	CALL
ECF504-6C	Modular Coupler, RJ12 (6x6), Crossed, 30µ (0.762µm)	Ivory	4.40	4.32	4.14	CALL
ECF504-4S	Modular Coupler, RJ11 (6x4), Straight, 30µ (0.762µm)	Ivory	4.09	4.01	3.85	CALL
ECF504-6S	Modular Coupler, RJ12 (6x6), Straight, 30µ (0.762µm)	Ivory	4.40	4.32	4.14	CALL
ECF504-8SK	Modular Coupler, RJ45 (8x8K), Straight, 30µ (0.762µm)	Ivory	5.65	5.53	5.31	CALL
ECF440	Machine Screws, 4-40 x 5/16", Pkg/100		5.18	4.77	4.35	CALL

Deluxe Panel Mounted Modular Jacks - 10" Wire Leads, 30 Microinches (0.762µm) Gold, Ivory Color

One difficulty in using modular jacks is the mounting problem on a panel. L-com's solution to this problem is providing a flange that mounts with two screws in a 0.675" (1.7cm) x 0.900" (2.3cm) rectangular opening. Choice of RJ11/12 (6x6) or RJ45 (8x8K) usable with keyed or non-keyed plugs. Custom versions of other jack types considered in quantities of 500/up. Mounting screws must be purchased separately.

ECJ504-6	Modular Panel Jack, RJ12 (6x6)/Wires, 30µ	Ivory	4.51	4.42	4.24	CALL
ECJ504-8	Modular Panel Jack, RJ45K (8x8K)/Wires, 30µ	Ivory	4.92	4.82	4.63	CALL
ECF440	Machine Screws, 4-40 x 5/16", Pkg/100		5.18	4.77	4.35	CALL

Deluxe Panel Mounted Couplers, 50 Microinches (1.27µm) Gold, Black Color

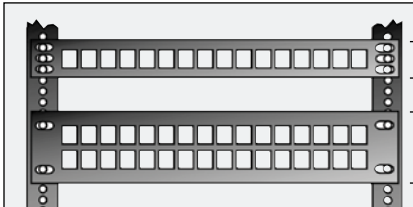
These couplers are similar to the ECF504 Series with two changes. The molding has been changed to a black color for applications when ivory is not wanted. Also, the contacts have 50 microinches (1.27µm) of gold for superior mating with modular plugs. Mounting screws must be purchased separately. Category 3 rated.

ECF504B-4S	Modular Coupler, RJ11 (6x4), Straight, 50µ (1.27µm)	Black	4.40	4.32	4.14	CALL
ECF504B-6S	Modular Coupler, RJ12 (6x6), Straight, 50µ (1.27µm)	Black	4.61	4.52	4.33	CALL
ECF504B-8SK	Modular Coupler, RJ45K (8x8K), Straight, 50µ (1.27µm)	Black	5.65	5.53	5.31	CALL
ECF440	Machine Screws, 4-40 x 5/16", Pkg/100		5.18	4.77	4.35	CALL

19" (48.3cm) Modular Patch Panels - Equipped with 16 or 32 ECF504B Modular Couplers

These panels utilize the ECF504B couplers with 50 microinch (1.27µm) plating. 16 and 32 port available. Straight thru pinned only.

PR175F504B-4S	1.75" (4.4cm) 16 Port Panel RJ11 (6x4), Straight-Thru	Black	85.95	82.51	79.08	CALL
PR175F504B-6S	1.75" (4.4cm) 16 Port Panel RJ12 (6x6), Straight-Thru	Black	95.28	91.47	87.66	CALL
PR175F504B-8SK	1.75" (4.4cm) 16 Port Panel RJ45 (8x8), Straight, Keyed	Black	102.53	98.43	94.33	CALL
PR35F504B-4S	3.50" (8.9cm) 32 Port Panel RJ11 (6x4), Straight-Thru	Black	148.12	142.20	136.27	CALL
PR35F504B-6S	3.50" (8.9cm) 32 Port Panel RJ12 (6x6), Straight-Thru	Black	165.74	159.11	152.48	CALL
PR35F504B-8SK	3.50" (8.9cm) 32 Port Panel RJ45 (8x8), Straight, Keyed	Black	193.72	185.97	178.22	CALL



How Rack Spaces and Sizes are Measured

Racks are a great way to neaten up wiring closets and labs. Network equipment and rack panels usually come in 1.75" (4.4cm), 3.5" (8.9cm) and 5.25" (13.3cm) heights. (1, 2 and 3 rack spaces).

Premium Keystone Style - 16 and 32 Port Feed-Thru Modular Panels, Category 5e Rated

These 19" (48.3cm) rack panels utilize the UJ5T568 and UJ5T568S couplers. 16 and 32 port versions available in shielded and unshielded configurations. Category 5e rated.

PR175UT568	1.75" (4.4cm) 16 Port Cat5e Feed-Thru Panel, Unshielded	Black	212.37	203.87	195.38	CALL
PR175UT568S	1.75" (4.4cm) 16 Port Cat5e Feed-Thru Panel, Shielded	Black	253.82	243.66	233.51	CALL
PR35UT568	3.50" (8.9cm) 32 Port Cat5e Feed-Thru Panel, Unshielded	Black	357.44	343.14	328.84	CALL
PR35UT568S	3.50" (8.9cm) 32 Port Cat5e Feed-Thru Panel, Shielded	Black	414.43	397.85	381.27	CALL

Keystone Style - 16 and 32 Port Feed-Thru Modular Panels - Category 6 Rated

These rack panels utilize the TDG1026KC6 or TDG1026KS-C6 Category 6 couplers. 16 and 32 port versions are available in shielded and unshielded configurations.

PR175C6-16	1.75" (4.4cm) 16 Port Cat6 Feed-Thru Panel, Unshielded	Black	216.51	207.85	199.19	CALL
PR175C6-16S	1.75" (4.4cm) 16 Port Cat6 Feed-Thru Panel, Shielded	Black	273.50	262.56	251.62	CALL
PR35C6-32	3.50" (8.9cm) 32 Port Cat6 Feed-Thru Panel, Unshielded	Black	364.69	350.10	335.52	CALL
PR35C6-32S	3.50" (8.9cm) 32 Port Cat6 Feed-Thru Panel, Shielded	Black	421.68	404.81	387.95	CALL

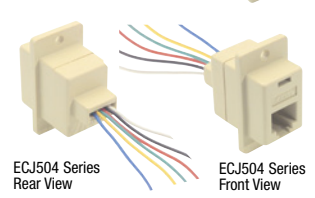
Right Angle Keystone Style - 16 and 32 Port Feed-Thru Modular Panels - Category 5e Rated

Unique, high speed network patching is made easy with L-com's right angle Keystone coupler patch panels. L-com's low-profile, 90 degree Keystone couplers are pre-installed into standard 19" rack panels, providing an easy method for addressing tight fit applications. These couplers offer a true 90 Degree exit from the cable entry point.

PR175R5E-16	1.75" (4.4cm) 16 Port, RA, Cat5e Feed-Thru Panel, Unshielded	Black	186.46	179.01	171.55	CALL
PR175SR5E-16	1.75" (4.4cm) 16 Port, RA, Cat5e Feed-Thru Panel, Shielded	Black	217.55	208.85	200.15	CALL
PR35R5E-32	3.50" (8.9cm) 32 Port, RA, Cat5e Feed-Thru Panel, Unshielded	Black	262.11	251.62	241.14	CALL
PR35SR5E-32	3.50" (8.9cm) 32 Port, RA, Cat5e Feed-Thru Panel, Shielded	Black	290.08	278.48	266.88	CALL

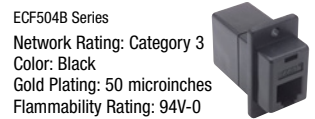
ECF504 Series

Network Rating: Category 3
Color: Ivory
Gold Plating: 30 microinches
Flammability Rating: 94V-0



ECJ504 Series

Color: Ivory
Gold Plating: 30 microinches
Flammability Rating: 94V-0



ECF504B Series

Network Rating: Category 3
Color: Black
Gold Plating: 50 microinches
Flammability Rating: 94V-0



PR175F504B-6S



PR35F504B-6S



PR175F504B-4S



PR35F504B-4S



PR175UT568



PR35UT568



PR175C6-16



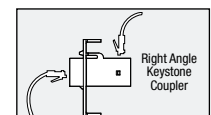
PR35C6-32



PR175R5E-16



PR35R5E-32



RJ45 Coupler Overview

Online Video

L-com.com/Videos/A29

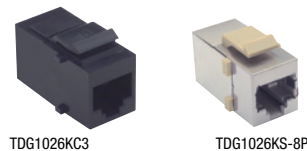
Exclusive



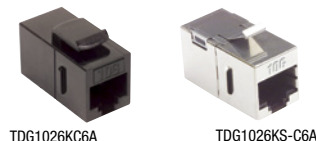
Exclusive



Best Seller



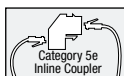
Best Seller



Best Seller



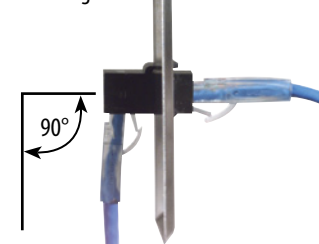
Network Rating: Category 5e
Color: Black or Silver
Gold Plating: 50 microinches
Flammability Rating: 94V-0



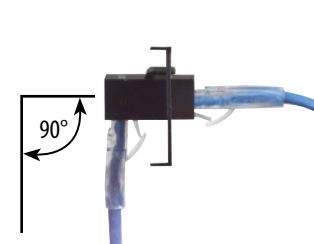
Tip Using L-com's right angle Cat5e coupler

The unique design of the L-com TDG1026KC-R5E right angle Cat5e coupler allows for cable connectivity in tight fit / confined space applications found with premise wiring installations involving wall plates and with MDF and IDF applications where patch panel depth is limited.

Wall Plate Mounting



Patch Panel Mounting



Item #	Description	1-9	10-24	25-99	100+
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L-com's Exclusive Right Angle Category 5e Keystone Couplers

An exclusive product design from L-com, these right angle Category 5e couplers offer true 90° connectivity and meet Category 5e standards. These unique right angle keystone couplers were designed to address tight fit applications commonly seen with wall plates and some patch panel designs. These robust right angle Category 5e couplers fit standard .765" (0.3cm) x .585" (0.2cm) keystone openings and can be used for myriad voice, video and data applications.

Features of this right angle coupler:

- High Performance Cat5e right angle coupler for panel, wall plate and enclosure mounting
- Gold plated contacts provide reliable connections with repeated mating cycles
- EIA568A/B dual wiring provides compatibility in every installation
- RJ45 jacks conform to TIA-1096
- Meets or exceeds Category 5e standards

Right Angle Category 5e Keystone Couplers

TDG1026KC-R5E	Category 5e Unshielded RJ45 (8x8) Right Angle Keystone Coupler	8.76	8.06	7.35	CALL
TDG1026KCS-R5E	Category 5e Shielded RJ45 (8x8) Right Angle Keystone Coupler	10.83	9.96	9.10	CALL

Premium Panel Mounted Modular Coupler Kits - Category 3, 5e and 6 - Shielded and Unshielded

These unique coupler kits allow panel mounting in virtually any panel thickness. A solid die-cast metal mounting frame provides secure mounting and reliable grounding. Kits include a snap-in coupler, mounting frame and two 4-40 machine screws.

ECF504-C3	Category 3 Unshielded RJ45 (8x8) Deluxe Panel Coupler Kit	5.13	4.72	4.31	CALL
ECF504-SC3	Category 3 Shielded RJ45 (8x8) Deluxe Panel Coupler Kit	7.72	7.10	6.48	CALL
ECF504-C5	Category 5e Unshielded RJ45 (8x8) Deluxe Panel Coupler Kit	7.72	7.10	6.48	CALL
ECF504-SC5E	Category 5e Shielded RJ45 (8x8) Deluxe Panel Coupler Kit	10.31	9.49	8.66	CALL
ECF504-C6	Category 6 Unshielded RJ45 (8x8) Deluxe Panel Coupler Kit	8.76	8.06	7.35	CALL
ECF504-SC6	Category 6 Shielded RJ45 (8x8) Deluxe Panel Coupler Kit	10.83	9.96	9.10	CALL
ECF504-C6A	Category 6a Unshielded RJ45 (8x8) Deluxe Panel Coupler Kit	13.42	12.35	11.27	CALL
ECF504-SC6A	Category 6a Shielded RJ45 (8x8) Deluxe Panel Coupler Kit	16.53	15.21	13.88	CALL

RJ45 (8x8) Keystone Feed-Thru Couplers - Shielded and Unshielded Category 3, 5e, 6 and 6a

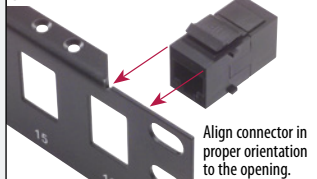
These couplers utilize two RJ45 (8x8) modular jacks and fit into a standard keystone style opening. A slim housing design permits high density mounting. Couplers listed include Category 3, Category 5e, Category 6 and Category 6a performance ratings in both shielded and unshielded versions. Connector housings enclosed within a fully stamped shielding. Designed to work with EIA/TIA 568A and B wiring.

TDG1026KC3	Category 3 Unshielded RJ45 (8x8) Keystone Feed-thru Coupler	2.44	2.24	2.05	CALL
TDG1026KS-8P	Category 3 Shielded RJ45 (8x8) Keystone Feed-thru Coupler	5.17	4.76	4.34	CALL
TDG1026KC5	Category 5e Unshielded RJ45 (8x8) Keystone Feed-thru Coupler	5.34	4.91	4.48	CALL
TDG1026KS-C5E	Category 5e Shielded RJ45 (8x8) Keystone Feed-thru Coupler	7.24	6.66	6.08	CALL
TDG1026KC6	Category 6 Unshielded RJ45 (8x8) Keystone Feed-thru Coupler	6.37	5.86	5.35	CALL
TDG1026KS-C6	Category 6 Shielded RJ45 (8x8) Keystone Feed-thru Coupler	8.28	7.62	6.95	CALL
TDG1026KC6A	Category 6a Unshielded RJ45 (8x8) Keystone Feed-thru Coupler	8.24	7.58	6.92	CALL
TDG1026KS-C6A	Category 6a Shielded RJ45 (8x8) Keystone Feed-thru Coupler	10.35	9.52	8.70	CALL

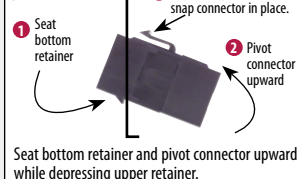
Tip Easily panel mount a keystone style connector

Keystone style refers to the snap-in mounting mechanism that many manufacturers have adopted.

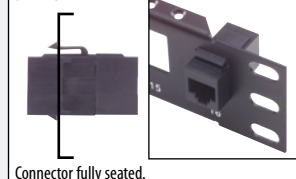
STEP 1



STEP 2



STEP 3



Online Video

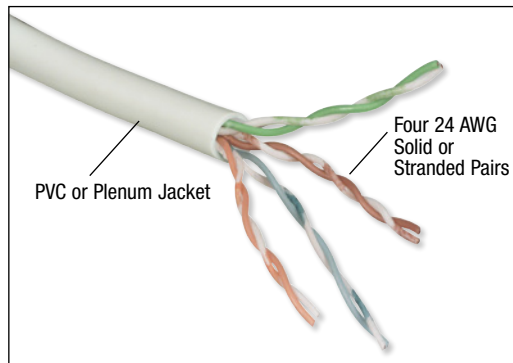
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Premium Keystone Style RJ45 (8x8) Feed-Thru Modular Couplers - Category 5e Rated

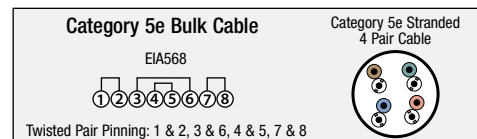
Two Category 5e feed-thru modular couplers for mating EIA568 A or B Category 5e connections. In both shielded and unshielded versions, this unique offset design maintains Category 5e performance and limits depth to only 1.25" (0.5cm). Designed to mate with keystone style holes.

UJ5T568	Modular Coupler, Cat5e RJ45 (8x8), Unshielded	10.31	9.49	8.66	CALL
UJ5T568S	Modular Coupler, Cat5e RJ45 (8x8), Shielded	12.90	11.87	10.84	CALL

Category 5e to 100 MHz - Hi-Speed UTP for LAN and Emerging Applications



Unshielded twisted pair has become the cabling of choice in voice and data applications. Low cost and easy installation are driving popularity. As new higher speed applications emerge, higher performance from cabling systems is required. Category 5e performance requirements add margin over existing Category 5 specifications to support more robust, bi-directional signaling schemes over all four pairs. Applications supported include: 10Base-T, 100Base-T, 100Base-TX, 1000Base-T, 100BaseVG-Any-LAN, 155Mbps ATM and a number of emerging multimedia applications.



FREQUENCY	NEAR END CROSSTALK (NEXT)	POWER SUM NEXT LOSS	EQUAL LEVEL FAR END CROSSTALK (EFEXT)	POWER SUM EFEXT	RETURN LOSS	ATTENUATION	IMPEDANCE
4 MHz	56.3 db	53.3 db	51.7 db	48.7 db	23 db	4.1 db	100 Ohms \pm 15 Ohms
10 MHz	50.3 db	47.3 db	43.8 db	40.8 db	25 db	6.5 db	100 Ohms \pm 15 Ohms
20 MHz	45.8 db	42.8 db	37.7 db	34.7 db	25 db	9.3 db	100 Ohms \pm 15 Ohms
100 MHz	35.3 db	32.3 db	23.8 db	20.8 db	20.1 db	22 db	100 Ohms \pm 15 Ohms

This table refers to the electrical specifications of TC2379, other Category 5e cabling is similar.

Item #	Description	Color	List Price
TC2379	Category 5e, PVC Bulk, 1,000ft (304.8m) Box, 4 Pr. Solid	Beige	92.22
TC2380	Category 5e, PVC Bulk, 1,000ft (304.8m) Reel, 2 Pr. Stranded	Beige	164.76
TC2382	Category 5e, PVC Bulk, 1,000ft (304.8m) Reel, 4 Pr. Stranded	Beige	206.20
TC2581	Category 5e, PVC Bulk, 1,000ft (304.8m) Reel, 4 Pr. Stranded	Yellow	206.20
TC2589	Category 5e, PVC Bulk, 1,000ft (304.8m) Reel, 4 Pr. Stranded	Red	206.20
TC2590	Category 5e, PVC Bulk, 1,000ft (304.8m) Reel, 4 Pr. Stranded	Green	206.20
TC2599	Category 5e, PVC Bulk, 1,000ft (304.8m) Reel, 4 Pr. Stranded	Blue	206.20
TPC2347	Category 5e, Plenum Bulk, 1,000ft (304.8m) Box, 4 Pr. Solid	White	195.84
TPC2567	Category 5e, Plenum Bulk, 1,000ft (304.8m) Box, 4 Pr. Solid	Blue	195.84
TPC58142	Category 5e, Plenum Bulk, 1,000ft (304.8m) Reel, 25 Pr. Solid	Gray	4143.76

Category 5e and 6 Outdoor UV Resistant Gel-Filled Bulk Cable - Ethernet Grade Cable for Outdoor Usage

Protect Ethernet cable runs outside with L-com's outdoor Category 5e rated twisted pair cabling. The gel-filled jacket provides moisture protection when used in an outdoor environment. With the UV protected jacket, outdoor cable runs are protected from damage caused by sunlight exposure. The cable is EIA568 color-coded for compatibility with standard installations and features solid conductors for termination into standard IDC connectors.

FREQUENCY	NEAR END CROSS TALK (NEXT)	ATTENUATION	CAPACITANCE	IMPEDANCE
4 MHz	53 dB min.	4.1 dB/330 ft max.	14 pF/ft Max	100 Ohms \pm 15 Ohms
10 MHz	47 dB min.	6.5 dB/330 ft max.	14 pF/ft Max	100 Ohms \pm 15 Ohms
20 MHz	42 dB min.	9.3 dB/330 ft max.	14 pF/ft Max	100 Ohms \pm 15 Ohms
100 MHz	32 dB min.	22 dB/330 ft max.	14 pF/ft Max	100 Ohms \pm 15 Ohms

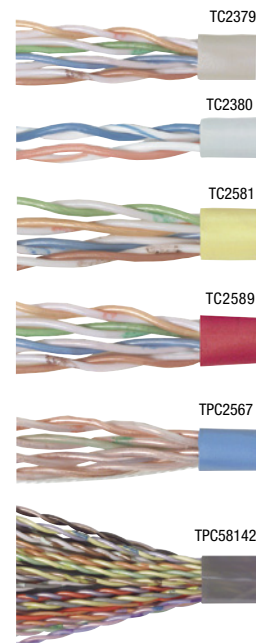
TOAC2004	Category 5e, Outdoor Aerial/Duct, 1,000ft (304.8m) Reel, 4 Pr. Solid	Black	268.38
TOBC2004	Category 5e, Outdoor Direct Burial, 1,000ft (304.8m) Reel, 4 Pr. Solid	Black	568.87
TOAC2005	Category 6, Outdoor Aerial/Duct, 1,000ft (304.8m) Reel, 4 Pr. Solid	Black	454.89
TOC35911	Category 6, Outdoor, 1,000ft (304.8m) Reel, 4 Pr. Solid	Black	299.46

What is the difference in flammability ratings?

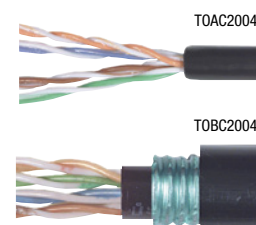
Online Video

L-com.com/Videos/A20

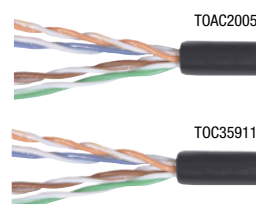
Category 5e



Outdoor Category 5e



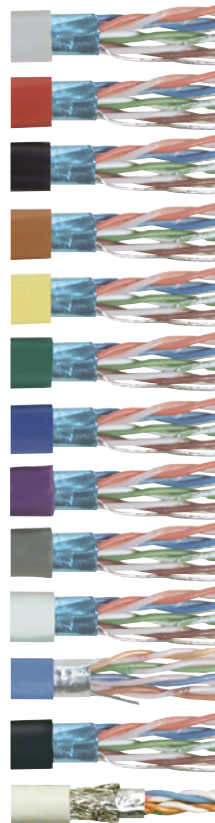
Outdoor Category 6


Tip What is the difference in flammability ratings?

Shown below is a comparison between NEC® National Electrical Code articles and the corresponding UL® Underwriters Laboratories test methods. Be sure to consult your local electrical inspector for guidance on current code requirements.

PLENUM	RISER	GENERAL PURPOSE	RESIDENTIAL
<ul style="list-style-type: none"> Highest flame resistance Suitable for use in areas designated as plenums UL-910 Steiner tunnel flame test 	<ul style="list-style-type: none"> Suitable for vertical installation between building floors NEC Communications Cable Code: CMR 	<ul style="list-style-type: none"> Used in broad applications NEC Communications Cable Code: CMG UL-1581 Vertical try flame test 	<ul style="list-style-type: none"> Lowest flame resistance NEC Communications Cable Code: CMX UL-1581 VW-1 Vertical flame test

Screened Category 5e



TFC2004

TFC2006

TFC2900

TFC2903

TFC2904

TFC2905

TFC2906

TFC2907

TFC2908

TFC2909

TFPC2648

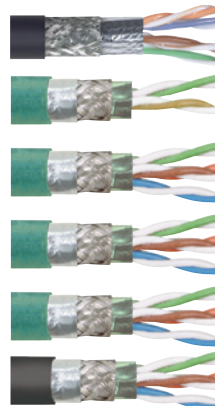
TFCL2004

TFSC2004

TFDL2004

TFDL2104

Industrial Category 5e



TFCPUR5730

TFDL5025

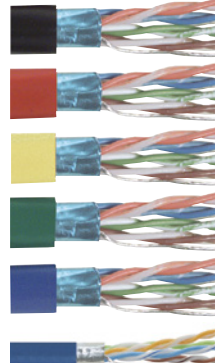
TFDL5088

TFDL5090

TFCL2005

TFCL5075

Screened Category 6a



TFC2942

TFC2944

TFC2946

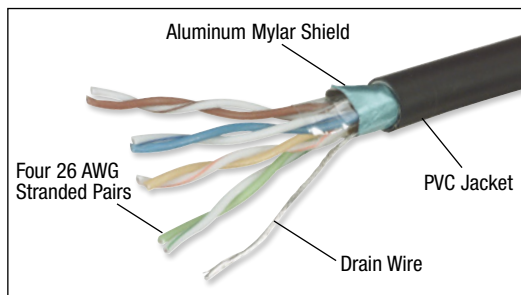
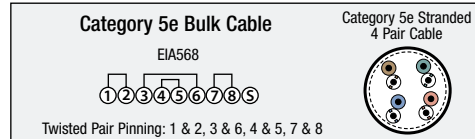
TFC2947

TFC2948

TFC628A-BL

Shielded F (UTP) 5e to 100 MHz Bulk Cable - Help Suppress Noise in Networks - 2 and 4 Pair

Screened (shielded) twisted pair is ideal for use in environments where EMI/RFI is a concern. A foil wrap with a drain wire protects signals from external noise. Available in stranded 26 AWG conductor with PVC and Low Smoke Zero Halogen jackets. Double shielded (foil + braid) 24 AWG solid is now available for use where extra noise protection is required. Plenum version is 24 AWG solid conductor. Sold in 1000' (304.8m) spools.



Item #	Description	Color	List Price
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Category 5e PVC Bulk Cable with Foil Shield

TFC2002	Category 5e Shielded, 2-pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Beige	299.46
TFC2004	Category 5e Shielded, 4-pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Lt. Gray	258.01
TFC2006	Category 5e Shielded, 4-pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Red	258.01
TFC2900	Category 5e Shielded, 4-pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Black	258.01
TFC2901	Category 5e Shielded, 4-pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Brown	258.01
TFC2903	Category 5e Shielded, 4-pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Orange	258.01
TFC2904	Category 5e Shielded, 4-pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Yellow	258.01
TFC2905	Category 5e Shielded, 4-pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Green	258.01
TFC2906	Category 5e Shielded, 4-pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Blue	258.01
TFC2907	Category 5e Shielded, 4-pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Violet	258.01
TFC2908	Category 5e Shielded, 4-pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Gray	258.01
TFC2909	Category 5e Shielded, 4-pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	White	258.01

Category 5e Plenum Bulk Cable with Foil Shield

TFPC2648	Category 5e, 4-pr. Solid Plenum, 1,000ft (304.8m) Reel	Blue	413.44
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Category 5e PVC Bulk Cable with Foil + Braid Shielding

TFSC2004	Category 5e Shielded, 4-pr. Solid PVC 24 AWG, 1,000ft (304.8m) Reel	Ivory	361.63
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Category 5e Low Smoke Zero Halogen Bulk Cable with Foil Shield

TFCL2004	Category 5e Shielded, 4-pr. Stranded LSZH, 1,000ft (304.8m) Reel	Black	496.34
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Category 5e Low Smoke Zero Halogen Bulk Cable with Foil + Braid Shielding

TFDL2004	Category 5e Shielded, 4-pr. Stranded LSZH 26 AWG, 1,000ft (304.8m) Reel	Lt. Gray	517.06
TFDL2104	Category 5e Shielded, 4-pr. Solid LSZH 24 AWG, 1,000ft (304.8m) Reel	Lt. Gray	413.44

Category 5e PUR Double Shielded Industrial Ethernet Bulk Cable

TFCPUR5730	Category 5e, Double Shielded, PUR 4-pr. Stranded, 26 AWG, 1,000ft (305m) Reel	Black	983.35
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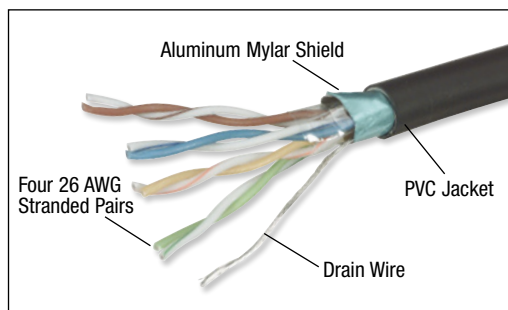
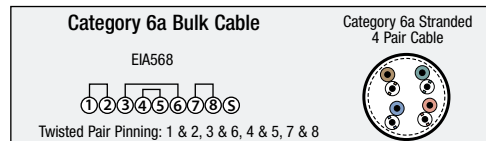
Category 5e Shielded Continuous Hi-Flex Oil Resistant Industrial Ethernet Bulk Cable

Designed for environments where ordinary cables fail, these exclusive ultra flexible Category 5e shielded bulk cables are built to take a beating. These Hi-Flex cables will not breakdown when exposed to oil based lubricants making them ideal for robotic control systems on the factory floor. Our cables are tested to 10 Million flex cycles (20 X cable O.D. min radius).

TFDL5025	Category 5e Double Shielded, 2-pr. Stranded CMX Rated Hi-Flex, 24 AWG, 1,000ft (304.8m) Reel	Teal	896.31
TFDL5088	Category 5e, Double Shielded, 4-pr. Stranded CMX Rated Hi-Flex, 26 AWG, 1,000ft (304.8m) Reel	Teal	1170.85
TFDL5090	Category 5e, Double Shielded, 4-pr. Stranded CMX Rated Hi-Flex, 24 AWG, 1,000ft (304.8m) Reel	Teal	1170.85
TFCL2005	Category 5e Shielded, 4-pr. Stranded Extreme Hi-Flex, 26 AWG, 1,000ft (304.8m) Reel	Teal	1501.45
TFCL5075	Category 5e Shielded, 4-pr. Stranded Extreme Hi-Flex, 26 AWG, 1,000ft (304.8m) Reel	Black	1501.45

Category 6a High Performance Shielded Bulk Cable

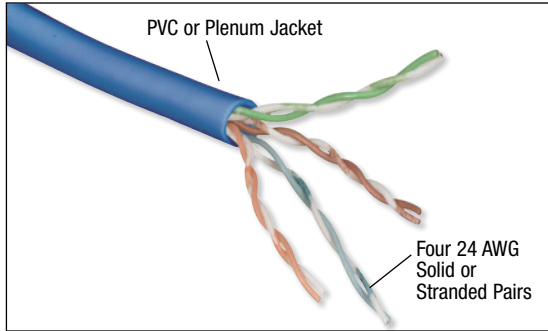
For Protection against EMI/RFI interference L-com's High-Performance Category 6a foil shielded bulk cable is the perfect choice. Surpassing the Category 6 standard, this Category 6a cable is designed for 10 gigabit networks. With a 100% foil shield covering 4-Pair 26 AWG stranded conductors, your data is protected from interference. Designed to exceed EIA568B standards, this cable will easily handle 10 Gigabit Ethernet applications. Contact us today for all of your network cabling needs.



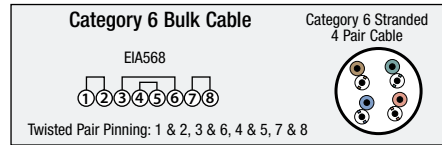
TFC2942	Category 6a Shielded, 4-pr. Stranded PVC 26 AWG, 1,000ft (305m) Reel	Black	435.15
TFC2944	Category 6a Shielded, 4-pr. Stranded PVC 26 AWG, 1,000ft (305m) Reel	Red	435.15
TFC2946	Category 6a Shielded, 4-pr. Stranded PVC 26 AWG, 1,000ft (305m) Reel	Yellow	435.15
TFC2947	Category 6a Shielded, 4-pr. Stranded PVC 26 AWG, 1,000ft (305m) Reel	Green	435.15
TFC2948	Category 6a Shielded, 4-pr. Stranded PVC 26 AWG, 1,000ft (305m) Reel	Blue	435.15
TFC2950	Category 6a Shielded, 4-pr. Stranded PVC 26 AWG, 1,000ft (305m) Reel	Gray	435.15
TFC628A-BL	Category 6a Shielded, 4-pr. Stranded PVC 28 AWG Slim-Line, 1,000ft (305m) Reel	Blue	268.38



Category 6 to 250 MHz UTP Bulk Cable - Maximum Performance for LAN Environments



Maximize performance in your next cabling project with L-com's Category 6 twisted pair cabling. Designed for today's hi-speed gigabit networks. This series is EIA568 color-coded for compatibility with standard installations. Solid conductors terminate easily into standard IDC connectors and panels. Designed to exceed EIA568B standards, this cable will easily handle Gigabit Ethernet applications.

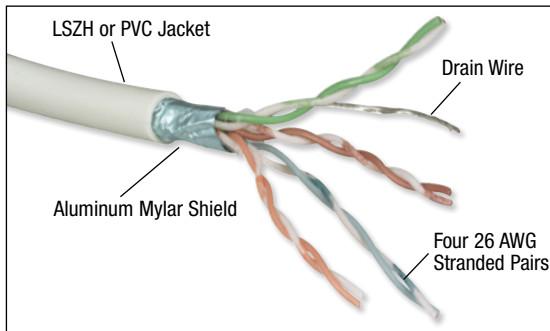


FREQUENCY	NEAR END CROSSTALK (NEXT)	POWER SUM NEXT LOSS	EQUAL LEVEL FAR END CROSSTALK (EFLX)	POWER SUM EFLX	INSERTION LOSS	ATTENUATION	IMPEDANCE
4 MHz	65.3 db	63.3 db	55.8 db	52.8 db	3.8 db	3.8 db	100 Ohms \pm 15 Ohms
10 MHz	59.3 db	57.3 db	47.8 db	44.8 db	6.0 db	6.0 db	100 Ohms \pm 15 Ohms
20 MHz	54.8 db	52.8 db	41.8 db	38.8 db	8.5 db	8.6 db	100 Ohms \pm 15 Ohms
100 MHz	44.3 db	42.3 db	27.8 db	24.8 db	19.8 db	20.2 db	100 Ohms \pm 15 Ohms
250 MHz	38.3 db	36.3 db	19.8 db	16.8 db	32.8 db	33.8 db	100 Ohms \pm 15 Ohms

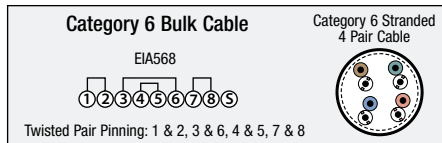
This table refers to the electrical specifications of TPC2756, other Category 6 cabling is similar.

Item #	Description	Color	List Price
TC5050	Category 6, PVC, 1,000ft (304.8m) Reel, 4 Pr. Stranded	Blue	226.93
TPC2756	Category 6, Plenum, 1,000ft (304.8m) Pull Box, 4 Pr. Solid	Blue	309.82
TC628-BL	Category 6, UTP PVC, 1,000ft (304.8m) Reel, 4 Pr. Stranded, 28AWG Slim-line	Blue	185.48

Category 6 Hi-Speed Shielded Network Bulk Cable



For Protection against EMI/RFI interference L-com's High-Performance Category 6 Shielded bulk cable is the perfect choice. Designed for today's hi-speed gigabit networks, this Category 6 cable from L-com is made to out-perform all others. With a 100% foil shield covering 4-Pair 26 AWG stranded conductors, your data is protected from interference. Designed to exceed EIA568B standards, this cable will easily handle Gigabit Ethernet applications.



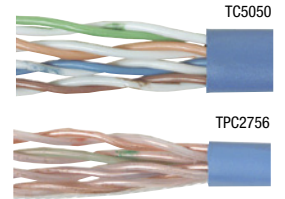
TFC2930	Category 6 Shielded, 4 Pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Black	361.63
TFC2932	Category 6 Shielded, 4 Pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Red	361.63
TFC2934	Category 6 Shielded, 4 Pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Yellow	361.63
TFC2936	Category 6 Shielded, 4 Pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Blue	361.63
TFC2940	Category 6 Shielded, 4 Pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Beige	361.63
TFC6101	Category 6 Shielded, 4 Pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Gray	361.63
TFCLS6001	Category 6 Shielded, 4 Pr. Stranded LSZH 26 AWG, 1,000ft (304.8m) Reel	Gray	538.77

What is the difference in flammability ratings?

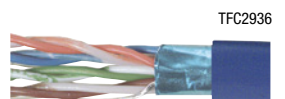
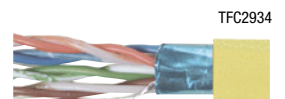
Online Video

L-com.com/Videos/A20

Category 6



Category 6 Hi-Speed



Tip Solid vs Stranded Center Conductors

Online Video

L-com.com/Videos/A19

In network cabling there are two distinct types of cable that are offered. Each type of cable has advantages and disadvantages:

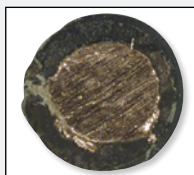
Stranded cable, used on workstation patch cords, is very flexible and easily bends but has a slightly higher attenuation factor.

Solid cable, used in horizontal runs, is stiff but offers better transmission performance.

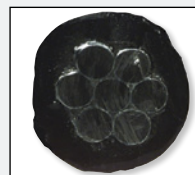
Comparison Between Solid and Stranded Conductor Cable

	Solid Conductor Cable	Stranded Conductor Cable
Advantages	Lowest Cost Best Transmission Performance Terminates to IDC110 Blocks / Jacks	Very Flexible Easy Plug Termination
Disadvantages	Not Flexible Difficult to terminate to plug	Higher Cost Recommended Distance (<10m) Higher Attenuation Cannot connect to IDC 110 blocks

Solid Conductor Cable



Stranded Conductor Cable



What is the difference between stranded and solid cable?

Online Video

L-com.com/Videos/A19

Category 3

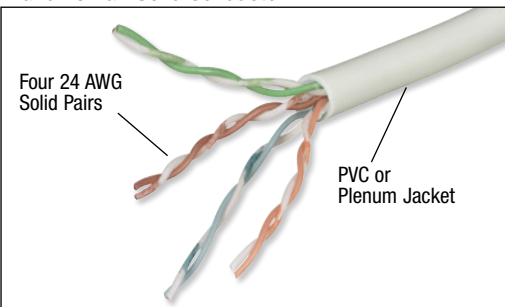
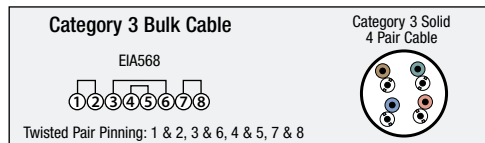


Flat Modular Cord



Category 3 to 16 MHz - Medium Speed UTP - 2, 3, 4, 12 and 25 Pair Solid Conductor

Category 3 twisted pair cabling is the perfect choice to control cost when low speed telephone or data is required. This PVC-jacketed cable is EIA568 color-coded for compatibility with standard installations. Category 3 cabling is perfect for telephone and low speed data applications. Solid conductors terminate easily into standard IDC connectors and panels. Available in PVC or Plenum rated jacket styles.



FREQUENCY	NEAR END CROSS TALK (NEXT)	ATTENUATION	CAPACITANCE	IMPEDANCE
1 MHz	41 db min.	2.6 db/330 ft max.	20 pF/ft Max	100 Ohms ± 15 Ohms
4 MHz	32 db min.	5.6 db/330 ft max.	20 pF/ft Max	100 Ohms ± 15 Ohms
10 MHz	26 db min.	9.7 db/330 ft max.	20 pF/ft Max	100 Ohms ± 15 Ohms
16 MHz	23 db min.	13.1 db/330 ft max.	20 pF/ft Max	100 Ohms ± 15 Ohms

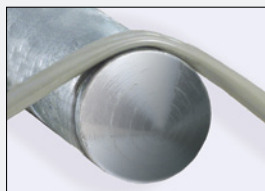
Item #	Description	Color	List Price
TPC4757	Category 3, Plenum Bulk, 1,000ft (304.8m) Box, 3 Pr. Solid	Green	124.29
TPC4759	Category 3, Plenum Bulk, 1,000ft (304.8m) Box, 4 Pr. Solid	Gray	134.65

100 Ohm T1 Cables

Reduce interference for T1/E1 communication with 2 pair cable with individually shielded pairs (FTP). Cables are Telcordia GR 137-CORE compliant. Unique two-layer insulator allows for termination into RJ45 plugs.

TSC9720	2 100 Ohm (T1) Shielded Pair, PVC 1,000ft Reel	Gray	435.15
TSC9738	2 100 Ohm (T1) Shielded Pair, Plenum 1,000ft Reel	Gray	1160.49

Tip UTP and STP installation guidelines



The minimum recommended bend radius for UTP is typically 10 times the cable's OD (Outside Diameter).



DO NOT twist the cable



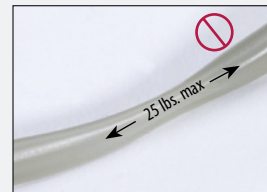
DO NOT overtighten wire ties



DO NOT bend cable greater than 90 degrees



DO NOT use a stapler for installations



DO NOT stretch or apply pull force greater than 25 lbs (11.4kg).

Flat Modular Cord - 26 AWG Stranded - 4, 6, 8 and 10 Conductors

Flat modular (POTS) cable is suitable for voice and low speed data applications. Flat oval design permits fast stripping and crimping of modular plugs. Cable construction features flexible PVC jacketing. Available in popular 4, 6, 8 and 10 conductor counts. UL listed. Sold in 100' (30.5m), 500' (152.4m) and 1000' (304.8m) spools.

TDB4-100	4 Conductor Flat Modular Cord, PVC Bulk, 100ft (30.5m) Coil	Gray	12.38
TDB6-100	6 Conductor Flat Modular Cord, PVC Bulk, 100ft (30.5m) Coil	Gray	18.60
TDB8-100	8 Conductor Flat Modular Cord, PVC Bulk, 100ft (30.5m) Coil	Gray	27.93
TDB4-500	4 Conductor Flat Modular Cord, PVC Bulk, 500ft (152.4m) Reel	Gray	43.47
TDB6-500	6 Conductor Flat Modular Cord, PVC Bulk, 500ft (152.4m) Reel	Gray	72.48
TDB8-500	8 Conductor Flat Modular Cord, PVC Bulk, 500ft (152.4m) Reel	Gray	93.21
TDB4-1000	4 Conductor Flat Modular Cord, PVC Bulk, 1,000ft (304.8m) Reel	Gray	82.84
TDB6-1000	6 Conductor Flat Modular Cord, PVC Bulk, 1,000ft (304.8m) Reel	Gray	126.36
TDB8-1000	8 Conductor Flat Modular Cord, PVC Bulk, 1,000ft (304.8m) Reel	Gray	176.10
TDB10-1000	10 Conductor Flat Modular Cord, PVC Bulk, 1,000ft (304.8m) Reel	Gray	207.19

Item #	Description	Wiring	1-9	10-24	25-99	100+
25-Pair Telco Cables - Dual Terminated and Breakout (Octopus) Versions						
L-com offers a variety of straight-thru and breakout 25 pair telco trunk cables for voice and data networks. Cables come in Category 3 and 5 grades and utilize PVC jackets. Plenum grade and other configurations available by custom request. Category 5 cables utilize 180° or 90° connector ends.						
TDC350FF-5	Cat3, Telco Cable, 90° Female/90° Female, 5.0ft (1.5m)	A	36.26	33.36	30.46	CALL
TDC350FF-10	Cat3, Telco Cable, 90° Female/90° Female, 10.0ft (3.0m)	A	41.44	38.12	34.81	CALL
TDC350FF-15	Cat3, Telco Cable, 90° Female/90° Female, 15.0ft (4.6m)	A	48.69	44.80	40.90	CALL
TDC350FF-25	Cat3, Telco Cable, 90° Female/90° Female, 25.0ft (7.6m)	A	62.06	57.09	52.13	CALL
TDC350FF-50	Cat3, Telco Cable, 90° Female/90° Female, 50.0ft (15.2m)	A	97.08	89.32	81.55	CALL
TDC350FF-100	Cat3, Telco Cable, 90° Female/90° Female, 100.0ft (30.5m)	A	162.57	149.56	136.56	CALL
TDC350MM-5	Cat3, Telco Cable, 90° Male/90° Male, 5.0ft (1.5m)	A	36.26	33.36	30.46	CALL
TDC350MM-10	Cat3, Telco Cable, 90° Male/90° Male, 10.0ft (3.0m)	A	41.44	38.12	34.81	CALL
TDC350MM-15	Cat3, Telco Cable, 90° Male/90° Male, 15.0ft (4.6m)	A	48.69	44.80	40.90	CALL
TDC350MM-25	Cat3, Telco Cable, 90° Male/90° Male, 25.0ft (7.6m)	A	62.06	57.09	52.13	CALL
TDC350MM-50	Cat3, Telco Cable, 90° Male/90° Male, 50.0ft (15.2m)	A	97.08	89.32	81.55	CALL
TDC350MM-100	Cat3, Telco Cable, 90° Male/90° Male, 100.0ft (30.5m)	A	162.57	149.56	136.56	CALL
TDC550MM-5	Cat5, Telco Cable, 180° Male/180° Male, 5.0ft (1.5m)	A	100.19	94.18	88.17	CALL
TDC550MM-10	Cat5, Telco Cable, 180° Male/180° Male, 10.0ft (3.0m)	A	111.38	104.70	98.02	CALL
TDC550MM-15	Cat5, Telco Cable, 180° Male/180° Male, 15.0ft (4.6m)	A	122.57	115.22	107.86	CALL
TDC550MM-25	Cat5, Telco Cable, 180° Male/180° Male, 25.0ft (7.6m)	A	159.05	149.50	139.96	CALL
TDC550MM-50	Cat5, Telco Cable, 180° Male/180° Male, 50.0ft (15.2m)	A	237.69	223.43	209.17	CALL
TDC550MM-100	Cat5, Telco Cable, 180° Male/180° Male, 100.0ft (30.5m)	A	392.61	369.05	345.49	CALL

Category 3, Octopus Cables - Convert 25-Pair Telco to a Variety of Modular Cable Breakouts

This is a useful cable arrangement that allows conversion from a 90° 50 pin Telco connector to a variety of modular cables terminated with male RJ plugs having 2, 4, 6 or 8 active pins. All cables are three feet (0.9m) long. Wired per USOC Standard. Category 3 rated.

TDC50M62	Cat3 Telco Breakout Cable, Male Telco/25 (6x2), 3.0ft (0.9m)	B	101.23	95.15	89.08	CALL
TDC50M64	Cat3 Telco Breakout Cable, Male Telco/12 (6x4), 3.0ft (0.9m)	C	73.25	68.85	64.46	CALL
TDC50M66	Cat3 Telco Breakout Cable, Male Telco/8 (6x6), 3.0ft (0.9m)	D	67.65	63.59	59.54	CALL
TDC50M88	Cat3 Telco Breakout Cable, Male Telco/6 (8x8), 3.0ft (0.9m)	E	67.65	63.59	59.54	CALL
TDC50F62	Cat3 Telco Breakout Cable, Female Telco/25 (6x2), 3.0ft (0.9m)	B	101.23	95.15	89.08	CALL
TDC50F64	Cat3 Telco Breakout Cable, Female Telco/12 (6x4), 3.0ft (0.9m)	C	73.25	68.85	64.46	CALL
TDC50F66	Cat3 Telco Breakout Cable, Female Telco/8 (6x6), 3.0ft (0.9m)	D	67.65	63.59	59.54	CALL
TDC50F88	Cat3 Telco Breakout Cable, Female Telco/6 (8x8), 3.0ft (0.9m)	E	67.65	63.59	59.54	CALL

50 Position Slim-Line Gender Changers - Mate with SCSI-1 and 50 Position Telco Connectors

DGC50F	50 Pin SCSI Gender Changer, Female/Female	13.77	12.67	11.57	CALL
DGC50M	50 Pin SCSI Gender Changer, Male/Male	13.77	12.67	11.57	CALL
DGC50MF	50 Pin SCSI Telco Socket Saver, Male/Female	13.77	12.67	11.57	CALL

Harmonica Style Cluster Bars - An Efficient Way to Distribute Your 25 Pair Lines

Break out your 50 pin Telco terminated cabling by connecting to a harmonica style cluster bar. These units use one male or female 25 pair Telco connector as input and 6, 8 or 12 modular jacks as output. Two holes for screw mounting or 2-sided tape may be used. Connector has Hook and Loop hold-down straps to eliminate screw tightening. USOC and 10Base-T wiring only.

EC412M	Telco Harmonica 12 RJ11 (6x4)/50 Pin Male	USOC	34.14	30.73	27.31	CALL
EC608M	Telco Harmonica 8 RJ12 (6x6)/50 Pin Male	USOC	33.11	29.80	26.49	CALL
EC806M	Telco Harmonica 6 RJ45 (8x8)/50 Pin Male	USOC	36.22	32.59	28.97	CALL
EC412F	Telco Harmonica 12 RJ11 (6x4)/50 Pin Female	USOC	33.11	29.80	26.49	CALL
EC608F	Telco Harmonica 8 RJ12 (6x6)/50 Pin Female	USOC	33.11	29.80	26.49	CALL
EC806F	Telco Harmonica 6 RJ45 (8x8)/50 Pin Female	USOC	36.22	32.59	28.97	CALL
E412F10BASE-T	Telco Harmonica 12 RJ45 (8x4)/50 Pin Female	10Base-T	46.58	42.85	39.12	CALL

19" (48.3cm) x 1.75" (4.4cm) Modular Patch Panel - 2, 3, or 4 Harmonicas Mounted in Low Profile Panel

These exclusive 19" (48.3cm) x 1.75" (4.4cm) panels come loaded with 2, 3, or 4 harmonica cluster bars. Panels are steel construction for durability and have a shelf in back for cable mounting. Black with white imprinting.

ECHL24-4M	1.75" (4.4cm) Panel with 2 EC412M	USOC	113.93	109.37	104.82	CALL
ECHL24-6M	1.75" (4.4cm) Panel with 3 EC608M	USOC	148.12	142.20	136.27	CALL
ECHL24-4F	1.75" (4.4cm) Panel with 2 EC412F	USOC	113.93	109.37	104.82	CALL
ECHL24-8F	1.75" (4.4cm) Panel with 4 EC806F	USOC	159.52	153.14	146.76	CALL
ECHL24-10BTF	1.75" (4.4cm) Panel with 2 EC412F 10Base-T	10Base-T	136.73	131.26	125.79	CALL

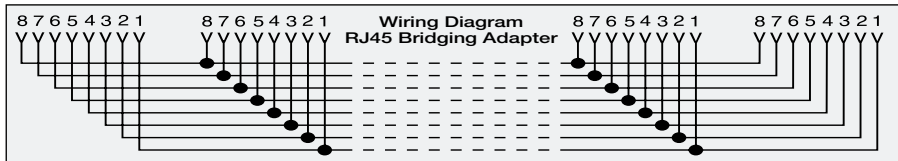
Harmonica Style Bridging Adapters - For RJ45 Modular Equipped Cables

Your choice of 6 or 12 port bridging adapters. The RJ45 (8x8) lines are all wired in parallel.

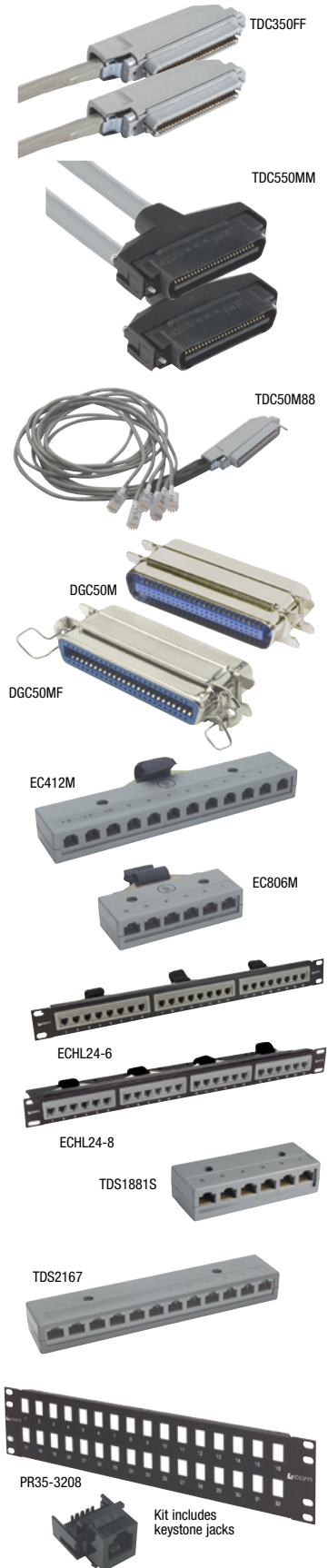
TDS1881S	6 Way Bridging Adapter, RJ45 (8x8)	30.57	28.12	25.68	CALL
TDS2167	12 Way Bridging Adapter, RJ45 (8x8)	43.47	42.16	40.86	CALL

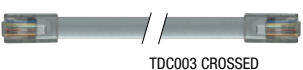
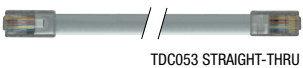
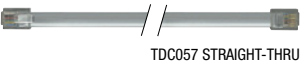
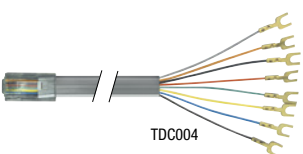
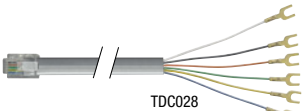
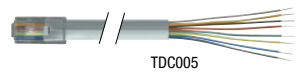
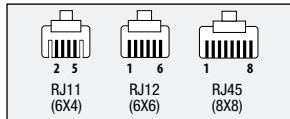
19" (48.3cm) x 1.75" (4.4cm) Modular Bridging Panels - Equipped with 6 or 12 Way Bridging Adapters

ECHL1881	1.75" (4.4cm) Panel with 4-6 Way (8x8) Bridging Adapters	148.12	142.20	136.27	CALL
ECHL2167	1.75" (4.4cm) Panel with 2-12 Way (8x8) Bridging Adapters	125.33	120.32	115.30	CALL



Item #	Description	List Price
Voice Grade Keystone Jack and Panel Kit Assortment - At Significant Savings		
These kits include a pre-punched 19" (48.3cm) rack panel and appropriate number of keystone jacks to complete the assembly. Keystone jacks use insulation displacement contacts and each connector has 30 microinches (0.762µm) of gold on jack mating surfaces. Panel color is black.		
PR175-1606	1.75" (4.4cm) x 19" (48.3cm) Panel Kit with 16 RJ12 (6x6) Keystone Jacks	67.30
PR35-3206	3.50" (48.3cm) x 19" (48.3cm) Panel Kit with 32 RJ12 (6x6) Keystone Jacks	90.10
PR175-1608	1.75" (4.4cm) x 19" (48.3cm) Panel Kit with 16 RJ45 (8x8) Keystone Jacks	131.55
PR35-3208	3.50" (48.3cm) x 19" (48.3cm) Panel Kit with 32 RJ45 (8x8) Keystone Jacks	170.92





Item #	Description	1-9	10-24	25-99	100+
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Flat Silver Satin Modular Cable - Plug to Tinned Wires

Silver satin flat modular cords with one modular plug and pre-tinned wires. Choose four conductor (RJ11), six conductor (RJ12) or eight conductor (RJ45).

TDC019-1	Flat Modular Cable, RJ11 (6x4)/Tinned End, 1.0ft (0.3m)	2.06	2.02	1.94	CALL
TDC019-2	Flat Modular Cable, RJ11 (6x4)/Tinned End, 2.0ft (0.7m)	2.27	2.22	2.13	CALL
TDC019-7	Flat Modular Cable, RJ11 (6x4)/Tinned End, 7.0ft (2.1m)	2.68	2.63	2.52	CALL
TDC029-1	Flat Modular Cable, RJ12 (6x6)/Tinned End, 1.0ft (0.3m)	2.89	2.83	2.72	CALL
TDC029-2	Flat Modular Cable, RJ12 (6x6)/Tinned End, 2.0ft (0.7m)	3.20	3.14	3.01	CALL
TDC029-7	Flat Modular Cable, RJ12 (6x6)/Tinned End, 7.0ft (2.1m)	4.03	3.95	3.79	CALL
TDC029-14	Flat Modular Cable, RJ12 (6x6)/Tinned End, 14.0ft (4.3m)	5.79	5.68	5.44	CALL
TDC005-1	Flat Modular Cable, RJ45 (8x8)/Tinned End, 1.0ft (0.3m)	3.51	3.44	3.30	CALL
TDC005-2	Flat Modular Cable, RJ45 (8x8)/Tinned End, 2.0ft (0.7m)	3.82	3.75	3.59	CALL
TDC005-7	Flat Modular Cable, RJ45 (8x8)/Tinned End, 7.0ft (2.1m)	5.17	5.07	4.86	CALL
TDC005-14	Flat Modular Cable, RJ45 (8x8)/Tinned End, 14.0ft (4.3m)	7.24	7.10	6.81	CALL

Flat Silver Satin Modular Cable - Plug to Spade Lugs

Silver satin flat modular cords with one modular plug and uninsulated spade lugs. Great for terminating to screw terminals. Choose four conductor (RJ11), six conductor (RJ12) or eight conductor (RJ45).

TDC018-1	Flat Modular Cable, RJ11 (6x4)/Spade Lug, 1.0ft (0.3m)	2.06	2.02	1.94	CALL
TDC018-2	Flat Modular Cable, RJ11 (6x4)/Spade Lug, 2.0ft (0.7m)	2.27	2.22	2.13	CALL
TDC018-7	Flat Modular Cable, RJ11 (6x4)/Spade Lug, 7.0ft (2.1m)	2.68	2.63	2.52	CALL
TDC028-1	Flat Modular Cable, RJ12 (6x6)/Spade Lug, 1.0ft (0.3m)	2.89	2.83	2.72	CALL
TDC028-2	Flat Modular Cable, RJ12 (6x6)/Spade Lug, 2.0ft (0.7m)	3.20	3.14	3.01	CALL
TDC028-7	Flat Modular Cable, RJ12 (6x6)/Spade Lug, 7.0ft (2.1m)	4.34	4.25	4.08	CALL
TDC028-14	Flat Modular Cable, RJ12 (6x6)/Spade Lug, 14.0ft (4.3m)	5.79	5.68	5.44	CALL
TDC004-2	Flat Modular Cable, RJ45 (8x8)/Spade Lug, 2.0ft (0.7m)	3.82	3.75	3.59	CALL
TDC004-7	Flat Modular Cable, RJ45 (8x8)/Spade Lug, 7.0ft (2.1m)	5.17	5.07	4.86	CALL

Flat Silver Satin Modular Cable - Plug to Plug, Straight-thru Wiring

Silver satin flat modular cords with two modular plugs. Wired straight-thru (1-1, 2-2, 3-3...) for most low speed data applications. Choose four conductor (RJ11), six conductor (RJ12) or eight conductor (RJ45).

TDC301	Flat Modular Cable, RJ11 (6x4)/RJ11 (6x4), 1.0ft (0.3m)	2.06	2.02	1.94	CALL
TDC302	Flat Modular Cable, RJ11 (6x4)/RJ11 (6x4), 2.0ft (0.7m)	2.27	2.22	2.13	CALL
TDC303	Flat Modular Cable, RJ11 (6x4)/RJ11 (6x4), 3.0ft (0.9m)	2.37	2.33	2.23	CALL
TDC305	Flat Modular Cable, RJ11 (6x4)/RJ11 (6x4), 5.0ft (1.5m)	2.58	2.53	2.43	CALL
TDC307	Flat Modular Cable, RJ11 (6x4)/RJ11 (6x4), 7.0ft (2.1m)	2.68	2.63	2.52	CALL
TDC314	Flat Modular Cable, RJ11 (6x4)/RJ11 (6x4), 14.0ft (4.3m)	3.82	3.75	3.59	CALL
TDC325	Flat Modular Cable, RJ11 (6x4)/RJ11 (6x4), 25.0ft (7.6m)	5.48	5.37	5.15	CALL
TDC057-2	Flat Modular Cable, RJ12 (6x6)/RJ12 (6x6), 2.0ft (0.7m)	3.20	3.14	3.01	CALL
TDC057-7	Flat Modular Cable, RJ12 (6x6)/RJ12 (6x6), 7.0ft (2.1m)	4.34	4.25	4.08	CALL
TDC057-14	Flat Modular Cable, RJ12 (6x6)/RJ12 (6x6), 14.0ft (4.3m)	5.79	5.68	5.44	CALL
TDC057-25	Flat Modular Cable, RJ12 (6x6)/RJ12 (6x6), 25.0ft (7.6m)	8.07	7.91	7.59	CALL
TDC057-50	Flat Modular Cable, RJ12 (6x6)/RJ12 (6x6), 50.0ft (15.2m)	13.15	12.89	12.36	CALL
TDC053-2	Flat Modular Cable, RJ45 (8x8)/RJ45 (8x8), 2.0ft (0.7m)	3.51	3.44	3.30	CALL
TDC053-7	Flat Modular Cable, RJ45 (8x8)/RJ45 (8x8), 7.0ft (2.1m)	5.17	5.07	4.86	CALL
TDC053-14	Flat Modular Cable, RJ45 (8x8)/RJ45 (8x8), 14.0ft (4.3m)	7.24	7.10	6.81	CALL
TDC053-25	Flat Modular Cable, RJ45 (8x8)/RJ45 (8x8), 25.0ft (7.6m)	10.35	10.14	9.73	CALL
TDC053-50	Flat Modular Cable, RJ45 (8x8)/RJ45 (8x8), 50.0ft (15.2m)	17.50	17.15	16.45	CALL
TDC053-100	Flat Modular Cable, RJ45 (8x8)/RJ45 (8x8), 100.0ft (30.5m)	32.01	31.37	30.09	CALL

Flat Silver Satin Modular Cable - Plug to Plug, Crossed Wiring

Silver satin flat modular cords with two modular plugs. Crossed wires for many voice applications. Choose four conductor (RJ11), six conductor (RJ12) or eight conductor (RJ45).

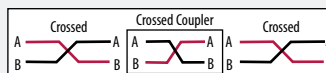
TDC207	Flat Modular Cable, RJ11 (6x4)/RJ11 (6x4), 7.0ft (2.1m)	2.68	2.63	2.52	CALL
TDC214	Flat Modular Cable, RJ11 (6x4)/RJ11 (6x4), 14.0ft (4.3m)	3.82	3.75	3.59	CALL
TDC225	Flat Modular Cable, RJ11 (6x4)/RJ11 (6x4), 25.0ft (7.6m)	5.17	5.07	4.86	CALL
TDC027-2	Flat Modular Cable, RJ12 (6x6)/RJ12 (6x6), 2.0ft (0.7m)	3.20	3.14	3.01	CALL
TDC027-7	Flat Modular Cable, RJ12 (6x6)/RJ12 (6x6), 7.0ft (2.1m)	4.34	4.25	4.08	CALL
TDC027-14	Flat Modular Cable, RJ12 (6x6)/RJ12 (6x6), 14.0ft (4.3m)	5.79	5.68	5.44	CALL
TDC027-25	Flat Modular Cable, RJ12 (6x6)/RJ12 (6x6), 25.0ft (7.6m)	8.07	7.91	7.59	CALL
TDC003-2	Flat Modular Cable, RJ45 (8x8)/RJ45 (8x8), 2.0ft (0.7m)	3.82	3.75	3.59	CALL
TDC003-7	Flat Modular Cable, RJ45 (8x8)/RJ45 (8x8), 7.0ft (2.1m)	5.17	5.07	4.86	CALL

Tip What is the difference between straight-thru and cross pinning?

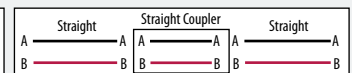
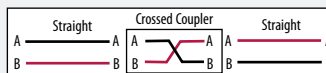
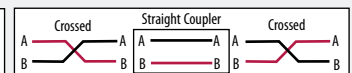
Straight-thru means each contact is straight pinned to its respective contact (1-1, 2-2, 3-3, etc.). Crossed pinning means contacts are pinned through to the opposite contact. Ex: on an 8 position RJ45: 1-8, 2-7, 3-6, etc.

When using a coupler between two patch cords it is important to choose the correct type. As the diagrams illustrate, if the desired pinning from end to end is crossed then the coupler and cables must be crossed. For straight pinning, all cables and couplers must be straight-thru type.

Crossed Couplers with Crossed Output



Straight Couplers with Straight Output

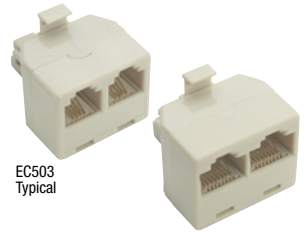
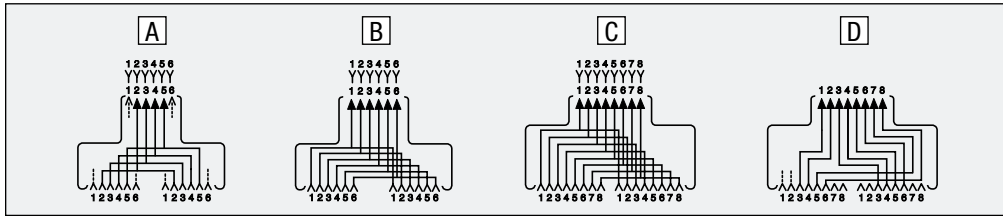


Item #	Description	Wiring	1-9	10-24	25-99	100+
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Modular TEE Adapters - The Most Practical Way to Tap Into Your Wiring Networks

All units have either 2, 3 or 4 RJ jacks mating to a male or female. Useful in daisy chain wiring, parallel phones or answering machines. It also is very useful in test environments where access to specific pins is required.

EC503-4	Modular TEE Adapter (6x4)M/(6x4)F/(6x4)F	A	4.61	4.24	3.87	CALL
EC503-6E	Modular TEE Adapter (6x6)M/(6x6)F/(6x6)F	B	4.61	4.24	3.87	CALL
EC503-8	Modular TEE Adapter (8x8)M/(8x8)KF/(8x8)KF	C	5.65	5.20	4.74	CALL
EC503-448	Modular TEE Splitter (8x8)M/(8x4)KF/(8x4)KF	D	5.65	5.20	4.74	CALL



Modular TEE Splitter - Allows Dual Telco Line to Separate into Two RJ11 Jacks

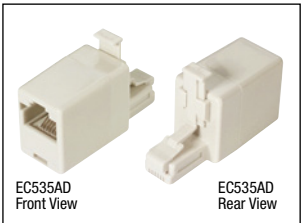
EC503-1703	Modular TEE Splitter (6x4)M/(6x2)F/(6x2)F	E	5.65	5.20	4.74	CALL
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Modular Splitter Adapter - Allows Three RJ11/12 Circuits to be Parallel Connected

EC503-2134	Modular 1 to 3 Adapter (6x4)M/3 (6x4)F	F	5.65	5.20	4.74	CALL
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Modular TEE Junction - Three RJ11/12 or RJ45 Receptacles Accept Three Plugs

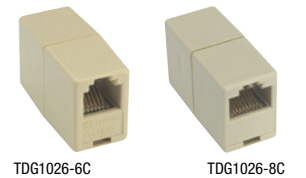
TDS1039-4C	Modular TEE Junction (6x4)F/(6x4)F, (6x4)F	A	4.61	4.47	4.33	CALL
TDS1039-6C	Modular TEE Junction (6x6)F/(6x6)F, (6x6)F	B	5.44	5.28	5.11	CALL
TDS1039-8C	Modular TEE Junction (8x8)F/(8x8)F, (8x8)F	C	5.65	5.48	5.31	CALL



Socket Saver Adapters - Extend the Life of Frequently Used Modular Jacks

Avoid costly repairs trying to replace modular jacks. Particularly useful with cable testers where jacks are in constant use. A small price to pay to assure maximum performance for the life of your equipment. Also available is the EC535D-10X 10Base-T crossover adapter. Attach this in series with any 10Base-T compatible patch cord and the 1-2 pair crosses to the 3-6 pair. This wiring is often necessary for stacking Ethernet hubs.

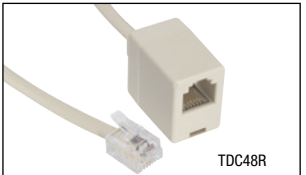
EC535AD	Modular Conversion Adapter (6x6)M/(8x6)KF	G	4.30	3.96	3.61	CALL
EC535D	Modular Socket Saver (8x8)M/(8x8)KF	J	4.30	3.96	3.61	CALL
EC535D-10X	Modular 10Base-T Crossover Adapter (8x4)M/(8x4)KF	K	4.30	3.96	3.61	CALL



Modular Couplers - Allow Mating of Cables Having Same Modular Termination

We offer a choice of wiring types, straight-thru for use in low speed data communication and crossed wiring for voice applications. This series has gold plated contact surfaces.

TDG1026-6C	Modular Coupler, RJ12 (6x6), Straight Wired	2.64	2.43	2.22	CALL
TDG1026-8C	Modular Coupler, RJ45 (8x8), Straight Wired	3.37	3.10	2.83	CALL



Reverse Cable Adapter - A Handy Device To Have To Reverse Polarity (Cross Wiring)

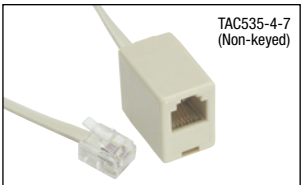
TDC48R	Reverse Cable Adapter, RJ11 (6x4), Male/Female, 10" (25.4cm)	3.10	2.79	2.48	CALL
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Note: Longer lengths and modular connector types available on special orders

Telephone and Data 7 Ft Extension Cords - With Male and Female Modular Connectors

TAC535-4-7	7 ft Modular Extension Cord, Straight Wired, RJ11 (6x4)	5.69	5.23	4.78	CALL
TAC535-6-7	7 ft Modular Extension Cord, Straight Wired, RJ12 (6x6)	6.72	6.19	5.65	CALL
TAC535-8-7	7 ft Modular Extension Cord, Straight Wired, RJ45K (8x8), Keyed	7.76	7.14	6.52	CALL

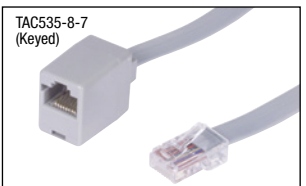
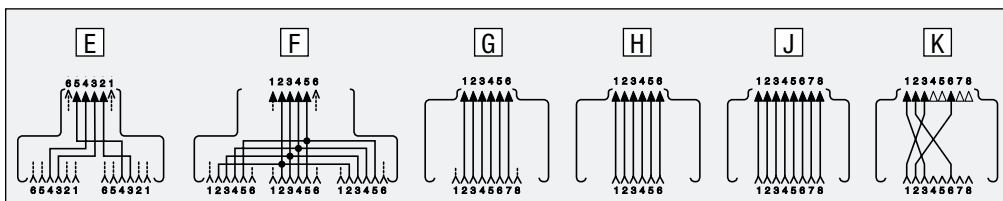
Note: 8x8 jacks are keyed. This series also available as Cross Wired. Custom wiring schemes considered.



Modular Insert Adapters

These adapters provide a simple way to allow smaller modular plugs to fit securely into a larger jack. Two types are available; an RJ11/12 plug into an RJ45 jack or an RJ22 style handset plug into an RJ11/12 size jack.

EC4X4A	Modular Insert Adapter, RJ22 Handset Plug into an RJ11/12 Jack, Pkg/10	4.09	3.77	3.44	CALL
EC8X8A	Modular Insert Adapter, RJ11/12 Plug into an RJ45 Jack, Pkg/10	4.09	3.77	3.44	CALL

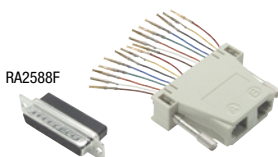
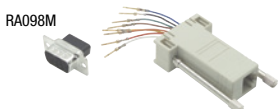


Premium Grade

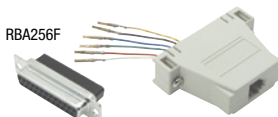
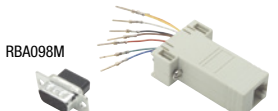
50 microinches GOLD with thumbscrews

**Deluxe Grade**

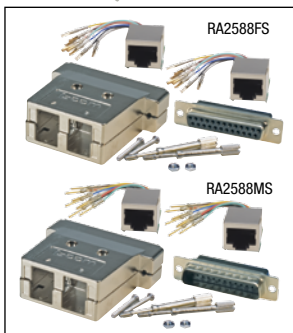
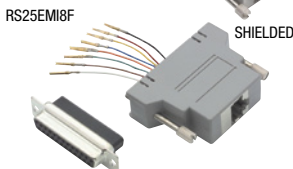
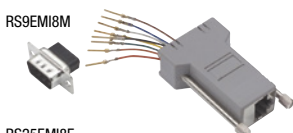
30 microinches GOLD with thumbscrews

**Deluxe Grade**

30 microinches GOLD w/ slotted screws

**Deluxe Grade Shielded**

30 microinches GOLD with thumbscrews



Item #	Description	1-9	10-24	25-99	100+
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Premium Modular Adapter Kits - Design Features Molded Knurled Hold Down Screws

The increased popularity of modular adapters prompted L-com to offer an off-the-shelf product that is a superior design featuring dark Gray 94V-0 plastic and 50 microinches (1.27µm) of gold plating on the pins. L-com offers quotations for custom programming to fit your needs and with legends and/or logo, either molded-in or on labels for your application. TDT series insertion/extraction tools are necessary for programming.

REC096F	Modular Adapter, DB9 Female/RJ12 (6x6) Jack	7.72	7.57	7.26	CALL
REC096M	Modular Adapter, DB9 Male/RJ12 (6x6) Jack	7.72	7.57	7.26	CALL
REC096FD	Modular Adapter, DB9 Female/MMJ (6x6) Jack	9.27	9.09	8.72	CALL
REC098F	Modular Adapter, DB9 Female/RJ45 (8x8) Jack	7.72	7.57	7.26	CALL
REC098M	Modular Adapter, DB9 Male/RJ45 (8x8) Jack	7.72	7.57	7.26	CALL
REC256M	Modular Adapter, DB25 Male/RJ12 (6x6) Jack	8.24	8.07	7.74	CALL
REC258F	Modular Adapter, DB25 Female/RJ45 (8x8) Jack	8.24	8.07	7.74	CALL
REC258M	Modular Adapter, DB25 Male/RJ45 (8x8) Jack	8.24	8.07	7.74	CALL

Modular Adapter Kits With Long Thumbscrews, Mate with DB9, DB15 and DB25

With one-piece housing, the modular adapter kits offer users a simple way to prepare custom wired adapters in the field. Featuring 30 microinches (0.762µm) gold plating on the contact pins and long metal thumbscrews. Each unit is programmable to your needs by simply inserting the prepared flying leads into the appropriate positions. TDT series insertion/extraction tools are necessary for programming.

RA096F	Modular Adapter, DB9 Female/RJ12 (6x6) Jack	7.20	7.06	6.77	CALL
RA098F	Modular Adapter, DB9 Female/RJ45 (8x8) Jack	7.20	7.06	6.77	CALL
RA098M	Modular Adapter, DB9 Male/RJ45 (8x8) Jack	7.20	7.06	6.77	CALL
RA158M	Modular Adapter, DB15 Male/RJ45 (8x8) Jack	7.20	7.06	6.77	CALL
RA256M	Modular Adapter, DB25 Male/RJ12 (6x6) Jack	7.72	7.57	7.26	CALL
RA258F	Modular Adapter, DB25 Female/RJ45 (8x8) Jack	7.72	7.57	7.26	CALL
RA258M	Modular Adapter, DB25 Male/RJ45 (8x8) Jack	7.72	7.57	7.26	CALL
RA2510F	Modular Adapter, DB25 Female/10 Pin Modular Jack	7.72	7.57	7.26	CALL
RA2510M	Modular Adapter, DB25 Male/10 Pin Modular Jack	7.72	7.57	7.26	CALL
RA2588F	Modular Adapter, DB25 Female/Dual RJ45 Modular Jack	12.38	12.13	11.64	CALL
RA2588M	Modular Adapter, DB25 Male/Dual RJ45 Modular Jack	12.38	12.13	11.64	CALL

Modular Adapter Kits - With Slotted Screws, Mate with DB9 and DB25

This series is identical to the RA Series except for the fact that the thumbscrew is replaced with a shorter screw head requiring a screwdriver for fastening to the system. A full range is provided which includes the DB9 and DB25 interface, available with RJ11/12 or RJ45 jacks. Modular contacts have 30 microinches (0.762µm) of gold plating. TDT series insertion/extraction tools are necessary for programming.

RBA096F	Modular Adapter, DB9 Female/RJ12 (6x6) Jack	6.68	6.55	6.28	CALL
RBA096M	Modular Adapter, DB9 Male/RJ12 (6x6) Jack	6.68	6.55	6.28	CALL
RBA098F	Modular Adapter, DB9 Female/RJ45 (8x8) Jack	6.68	6.55	6.28	CALL
RBA098M	Modular Adapter, DB9 Male/RJ45 (8x8) Jack	6.68	6.55	6.28	CALL
RBA256F	Modular Adapter, DB25 Female/RJ12 (6x6) Jack	7.72	7.57	7.26	CALL
RBA256M	Modular Adapter, DB25 Male/RJ12 (6x6) Jack	7.72	7.57	7.26	CALL
RBA258F	Modular Adapter, DB25 Female/RJ45 (8x8) Jack	7.72	7.57	7.26	CALL

Shielded Modular Adapter Kits - Feature Special Internal Design - EMI/RFI Shield

Similar in appearance and use to our standard RA Series but the similarity ends there. Built into the Gray plastic case assembly is an inner formed metal shield. This provides 100% EMI/RFI protection when used with the fully shielded modular plugs as listed on page 67. Modular contacts have 30 microinches (0.762µm) of gold plating. This is our best adapter; guaranteed to provide the best shielding effectiveness. Mandatory for systems utilizing fully shielded cabling and shielded modular plugs. Use TDT series tools to insert/remove contacts. 4-40 hardware.

RS9EMI8F	Shielded Modular Adapter, DB9 Female/RJ45 (8x8) Jack	10.83	10.50	10.18	CALL
RS9EMI8M	Shielded Modular Adapter, DB9 Male/RJ45 (8x8) Jack	10.83	10.50	10.18	CALL
RS25EMI8F	Shielded Modular Adapter, DB25 Female/RJ45 (8x8) Jack	10.83	10.50	10.18	CALL
RS25EMI8M	Shielded Modular Adapter, DB25 Male/RJ45 (8x8) Jack	10.83	10.50	10.18	CALL

Shielded Dual RJ45 Die-cast Adapters

L-com's exclusive die cast dual RJ45 to D-Sub 25 male or female adapters provide 100% shield coverage. These unique fully die cast adapter housings ship as a kit so that you can terminate as needed for your project. L-com can custom wire these for you with modest minimums. Contact us today with your project needs.

RA2588FS	Shielded Adapter, DB25 Female/Dual RJ45 (8x8) Jack	28.96	28.09	27.22	CALL
RA2588MS	Shielded Adapter, DB25 Male/Dual RJ45 (8x8) Jack	28.96	28.09	27.22	CALL

Insertion and Removal Tools For Crimp & Poke Type Contacts - Professional and Economy Versions

Two insertion/extraction tools are available for inserting contacts into D-Subs. Professional model is made for multiple insertions and is built on a larger, more ergonomic tool body. The economy version is also available when limited insertions are necessary.

TDT	Economy Contact Insertion/Extraction Tool	3.06	3.00	2.93	CALL
TDTPRO	Pro Contact Insertion/Extraction Tool	25.85	25.34	24.82	CALL

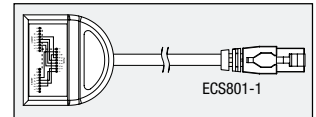
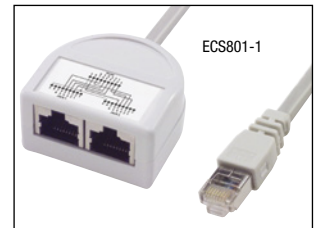
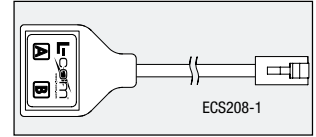
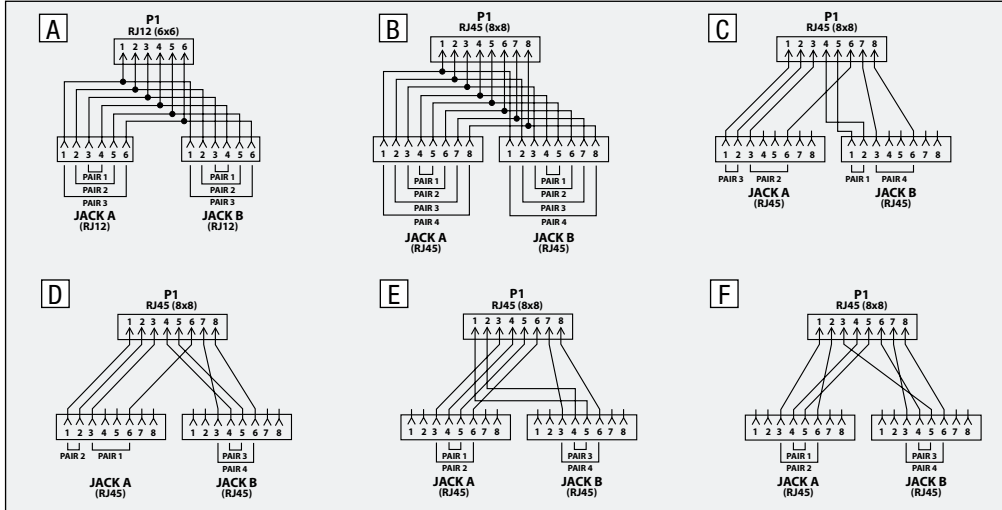
							Modular Jack Configuration
HANDSET 4x4	RJ11 6x4	RJ12 6x6	MMJ OFFSET 6x6	RJ45 8x8	RJ45 KEYED 8x8	10 POSITION 10x10	Jack (Female Gender)

Item #	Description	Wiring	1-9	10-24	25-99	100+
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Modular Y Adapters - Allow Line Splitting Flexibility in Today's DataCom Networks

Market demand for varied types of modular Y splitter cables has prompted this choice of six standard listings. The most popular types are stocked in one foot overall lengths. However, custom lengths are available. A dark gray molded box design style with all rounded edges is used as well as round U.T.P. Category 3 cable. All contact surfaces have 50 microinches (1.27µm) gold plating. **Note:** Custom variations solicited to include: choice of modular jacks, any length of cable, different modular or DIN or other style plugs on cable. Minimum quantity of 250 may apply for most custom quotes.

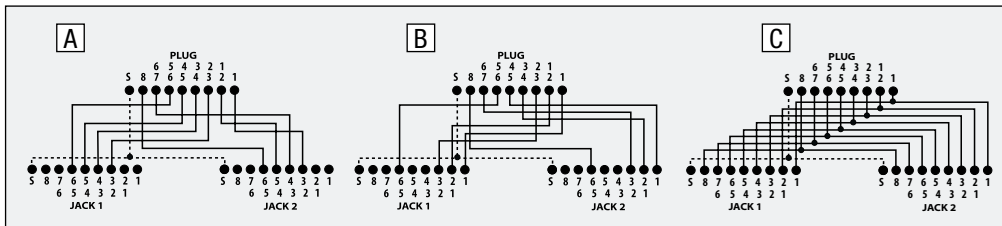
ECS203-1	Modular Y-Bridge, USOC-6/USOC-6	A	9.27	9.09	8.72	CALL
ECS204-1	Modular Y-Bridge, USOC-8/USOC-8	B	9.27	9.09	8.72	CALL
ECS205-1	Modular Y-Splitter, 10Base-T/10Base-T	C	9.27	9.09	8.72	CALL
ECS206-1	Modular Y-Splitter, 10Base-T/Token Ring	D	9.27	9.09	8.72	CALL
ECS207-1	Modular Y-Splitter, Token Ring/Token Ring	E	9.27	9.09	8.72	CALL
ECS208-1	Modular Y-Splitter, Token Ring/Token Ring	F	9.27	9.09	8.72	CALL



Shielded Modular 2-Way Splitters - Allow Multiple Uses of 4-Pair Cabling

This series is designed for use in environments where shielding protection is required. Features include fully shielded PCB mounted jacks, RJ45 plugs with a 360 degree strain relief and a sturdy ABS housing. Three configurations in 12 inch (30.5cm) lengths are offered. The bridging adapter combines all like numbered pins allowing devices to share a single interface. Two splitter versions are available configured for 10Base-T and Token Ring applications. Custom configurations will be considered with modest minimums. Please contact our sales group for assistance.

ECS801-1	USOC Splitter, 8x8 Plug/2 (8x4) Jacks	A	11.35	11.12	10.67	CALL
ECS802-1	TIA568 Splitter, 8x8 Plug/2 10Base-T Jacks	B	11.35	11.12	10.67	CALL
ECS803-1	USOC Bridge, 8x8 Plug/2 (8x8) Jacks	C	11.35	11.12	10.67	CALL



Modular 4-Way Splitters - Allow Multiple Uses of 4-Pair Cabling

This series allows users to take advantage of installed 4-pair to gain access to individual pairs or bridge multiple jacks. Four configurations in a 12 inch (30.5cm) overall length are offered. The bridging adapter combines all like numbered pins allowing devices to share a single interface. The breakout models allow access to each individual pair at the 8x8 plug through four 6x2 or 8x2 jacks. Custom configurations will be considered with modest minimums. Please contact our sales group for assistance.

ECS401-12	TIA568B Splitter, 8x8 Plug/4 (6x2) Jacks	A	11.35	11.12	10.67	CALL
ECS403-12	TIA568 Splitter, 8x8 Plug/4 (8x2) Jacks	B	11.35	11.12	10.67	CALL
ECS404-12	USOC Bridge, 8x8 Plug/4 (8x8) Jacks	C	11.35	11.12	10.67	CALL

