



Data Cabling Tutorial

What is D-Subminiature?

D-Subminiature products are connection products utilizing various D-Subminiature style interface types to transmit data signals.

How is D-Subminiature used?

D-Subminiature products are used to connect a data generating device such as a CPU (Central Processing Unit) to a data producing device such as a printer.

Where is D-Subminiature used?

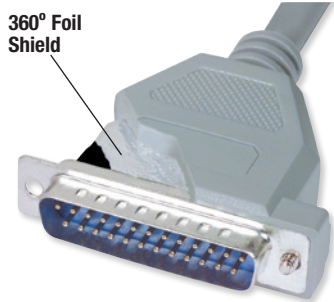
D-Subminiature products are used in numerous data transmission applications found in office, industrial, home or testing environments.



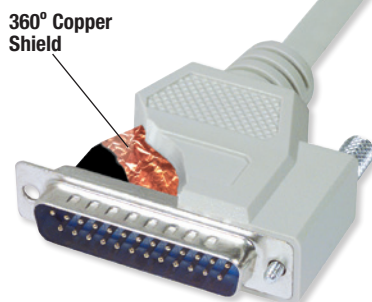
Poorly shielded cables can cause systems to fail EMI Certification

L-com's manufacturing process includes 360 degree shielding under the mold to insure full shielding from the bulk cable shield to the connector shell. Some competitors shortcut this process by just tack soldering the cable drain wire to the connector shell. In many applications this shortcut results in EMI leakage causing systems to fail testing.

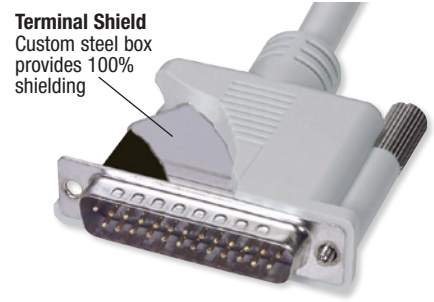
Economy Series



Deluxe Series

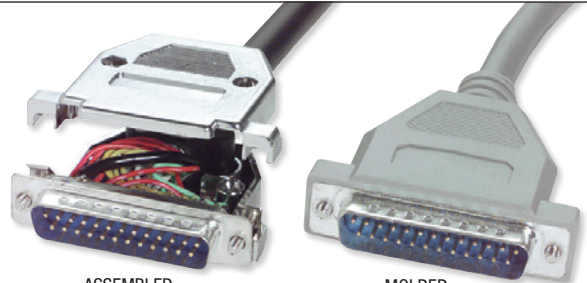


Premium Series



What is the difference between assembled and molded cable assemblies?

The difference between an assembled and molded cable assembly is in the construction of the backshell. An assembled backshell can be plastic (not shielded) or metal (shielded) and can be disassembled by removing hardware. On a molded cable assembly, the backshell is typically molded PVC that cannot be disassembled.



ASSEMBLED

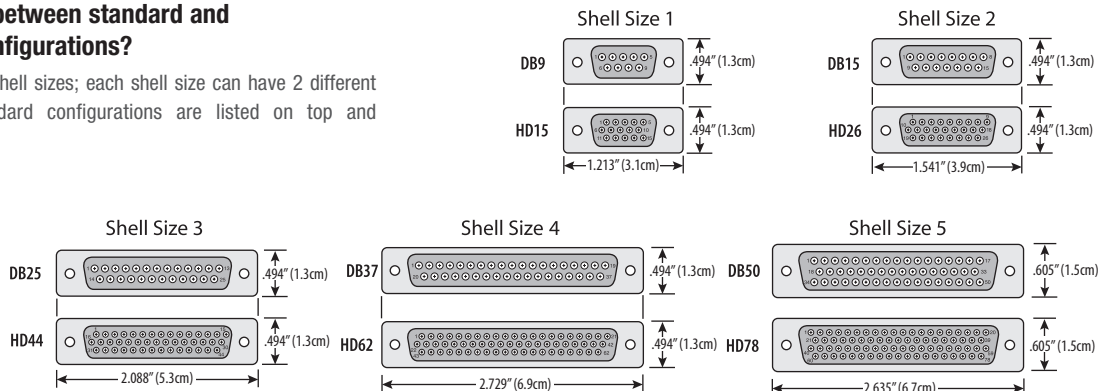
MOLDED

What is the difference between standard and High-Density D-Sub configurations?

The industry uses 5 different shell sizes; each shell size can have 2 different configurations of pins. Standard configurations are listed on top and High-Density are listed below.

Online Video

L-com.com/Videos/A13



Data Cabling Tutorial

Selecting the right D-Sub Cable Assembly for your application.

L-com takes pride in having the largest variety of D-Sub cables in the industry. The following selection guide is intended to assist you in selecting the right cable for your particular need.

No more D-Sub connector gender confusion

Online Video

L-com.com/Videos/A14

Cable Series	Available Sizes	Available Connector Combinations	Color	Cable Shielding	Wire AWG	Distinguishing Characteristics	Photo
CSM	DB9, DB15, DB25, DB37	Male-Male, Male-Female	Gray	Foil/Mylar	26	Least expensive option Uses smaller, slotted screws instead of thumbscrews	
CSMN	DB9, DB15, DB25, DB37, DB50	Male-Male, Male-Female, Female-Female	Light Gray	Foil/Mylar *	26 *	Most similar to industry standard cables Note: Right Angle and 45 Degree Angle types available	
CSMNB	DB9, DB15, DB25	Male-Male, Male-Female	Black	Foil/Mylar	26	Black color for color matching black computer peripherals	
CS2N	DB9, HDB15, DB25, DB37, DB15	Male-Male, Male-Female	Light Gray	Foil/Mylar + Braid	26	Extra cable shielding and steel internal enclosure provides maximum protection from EMI/RFI corruption	
CS2NB	DB9, HDB15, DB25, DB15	Male-Male, Male-Female	Black	Foil/Mylar + Braid	26	Extra cable shielding and steel internal enclosure provides maximum protection from EMI/RFI corruption	
CRMN	DB9, DB15, DB25, DB37	Male-Male, Male-Female, Female-Female	Light Gray	Foil/Mylar	26	Reversible hardware feature allows cables to be directly panel mounted without the use of an adapter or any other component	
CSMUZ	DB9, DB15, DB25	Male-Male, Male-Female	Black	Foil/Mylar + Braid	24	Low Smoke Zero Halogen (LSZH) jacket and backshell material significantly reduce the amount of toxic and corrosive gases emitted during combustion. Extra cable shielding and steel internal enclosure provides maximum protection from EMI/RFI corruption	
CSNULL	DB9, DB25, DB25-DB9	Male-Female, Female-Female	Light Gray	Foil/Mylar	26	Data lines wired specifically to allow devices to communicate without the use of modems or other peripherals	
CMZ	DB25 Male-DB9 Female	Male-Female	Light Gray	Foil/Mylar	26	Wired specifically to connect an external modem (DB25) to a PC serial port (DB9)	
CHD	HDB15, HDB26, HDB44, HDB62, HDB78	Male-Male, Male-Female	Light Gray	See below**	See below**	High density D-Sub connectors utilize more contacts than standard D-Sub connectors even though they use the same size connector shells	
CSMT	DB9, DB15, DB25	Male-Male, Male-Female	Silver/Metal	Foil/Mylar + Braid	26	Stainless steel crush resistant jacket over our premium D-Sub braid & foil shielded cable provides protection in applications where standard cables would be damaged due to excessive force.	
CSPL	DB9, DB15, DB25	Male-Male, Male-Female	Black	Foil/Mylar + Braid	26	PVC plastic crush resistant jacket over our premium D-Sub braid & foil shielded cables provides protection in applications where standard cables would be damaged due to excessive force.	
CPMS	DB9, DB15, DB25	Male-Male, Male-Female	Dark Gray	Foil/Mylar + Braid	20	20 AWG conductors allow for maximum current throughput. Extra cable shielding provides maximum protection from EMI/RFI. Reversible hardware feature allows cables to be panel mounted without the use of an adapter or any other component.	

* Exception - CSMN50 is double shielded (foil/mylar + braid) with 28 AWG conductors

** CHD15 & CHD26 are foil/mylar shielded with 26 AWG conductors

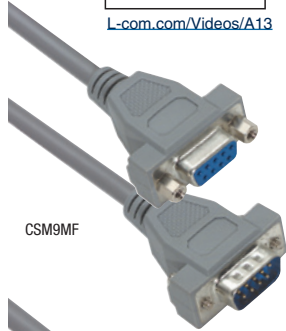
CHD44 is double shielded (foil/mylar + braid) with 24 AWG conductors

CHD62 & CHD78 are double shielded (foil/mylar + braid) with 28 AWG conductors

Standard or Hi-Density D-Sub configurations

Online Video

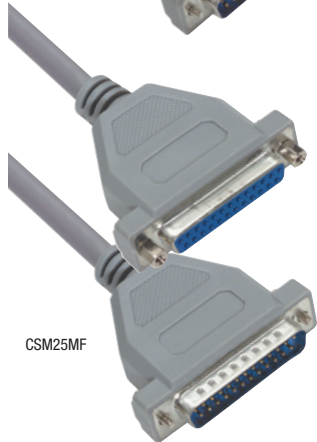
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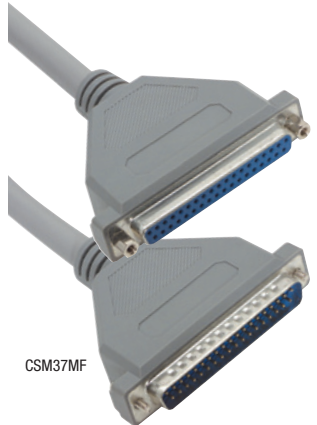
CSM9MF



CSM15MF



CSM25MF



CSM37MF

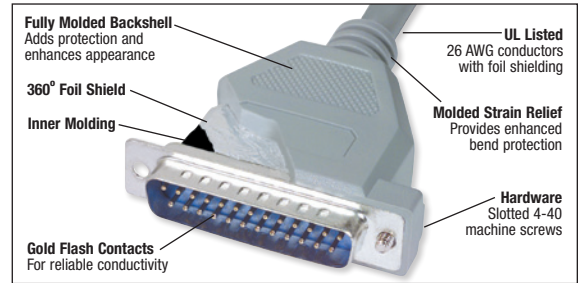


TS-CSM

Economy D-Sub Cable Assemblies - Fully Populated with 4-40 Hardware

The CSM Series of D-Sub cable assemblies offer solid performance at economical prices. All assemblies utilize 26 AWG stranded conductors with foil shielding for flexibility and performance. Backshells are fully molded for reliability in environments where flexing is an issue. Mating hardware is 4-40 machine screws. Hex nuts on female connectors are removable to expose 4-40 machine screws. Color is gray.

• More lengths available. Go to L-com.com



Item #	Description	1-9	10-24	25-99	100+
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Economy 9 Pin D-Sub Molded Cables - Common for Serial Connections, Shielded and Fully Populated

CSM9MM-1	Economy Molded Cable, DB9 Male / Male, 1.0ft (0.3m)	6.37	5.86	5.35	CALL
CSM9MM-2.5	Economy Molded Cable, DB9 Male / Male, 2.5ft (0.8m)	6.99	6.43	5.88	CALL
CSM9MM-5	Economy Molded Cable, DB9 Male / Male, 5.0ft (1.5m)	8.03	7.39	6.75	CALL
CSM9MM-10	Economy Molded Cable, DB9 Male / Male, 10.0ft (3.0m)	10.10	9.29	8.49	CALL
CSM9MM-25	Economy Molded Cable, DB9 Male / Male, 25.0ft (7.6m)	16.32	15.01	13.71	CALL
CSM9MF-1	Economy Molded Cable, DB9 Male / Female, 1.0ft (0.3m)	6.37	5.86	5.35	CALL
CSM9MF-2.5	Economy Molded Cable, DB9 Male / Female, 2.5ft (0.8m)	6.99	6.43	5.88	CALL
CSM9MF-5	Economy Molded Cable, DB9 Male / Female, 5.0ft (1.5m)	8.03	7.39	6.75	CALL
CSM9MF-10	Economy Molded Cable, DB9 Male / Female, 10.0ft (3.0m)	10.10	9.29	8.49	CALL
CSM9MF-15	Economy Molded Cable, DB9 Male / Female, 15.0ft (4.6m)	12.18	11.20	10.23	CALL
CSM9MF-25	Economy Molded Cable, DB9 Male / Female, 25.0ft (7.6m)	16.32	15.01	13.71	CALL
CSM9MF-50	Economy Molded Cable, DB9 Male / Female, 50.0ft (15.2m)	26.68	24.55	22.41	CALL

Economy 15 Pin D-Sub Molded Cables - For Various Applications, Shielded and Fully Populated

CSM15MM-1	Economy Molded Cable, DB15 Male / Male, 1.0ft (0.3m)	7.51	7.06	6.61	CALL
CSM15MM-2.5	Economy Molded Cable, DB15 Male / Male, 2.5ft (0.8m)	8.29	7.79	7.29	CALL
CSM15MM-5	Economy Molded Cable, DB15 Male / Male, 5.0ft (1.5m)	9.58	9.01	8.43	CALL
CSM15MM-10	Economy Molded Cable, DB15 Male / Male, 10.0ft (3.0m)	12.18	11.44	10.71	CALL
CSM15MM-25	Economy Molded Cable, DB15 Male / Male, 25.0ft (7.6m)	19.95	18.75	17.55	CALL
CSM15MF-1	Economy Molded Cable, DB15 Male / Female, 1.0ft (0.3m)	7.51	7.06	6.61	CALL
CSM15MF-2.5	Economy Molded Cable, DB15 Male / Female, 2.5ft (0.8m)	8.29	7.79	7.29	CALL
CSM15MF-5	Economy Molded Cable, DB15 Male / Female, 5.0ft (1.5m)	9.58	9.01	8.43	CALL
CSM15MF-10	Economy Molded Cable, DB15 Male / Female, 10.0ft (3.0m)	12.18	11.44	10.71	CALL
CSM15MF-15	Economy Molded Cable, DB15 Male / Female, 15.0ft (4.6m)	14.77	13.88	12.99	CALL
CSM15MF-50	Economy Molded Cable, DB15 Male / Female, 50.0ft (15.2m)	32.90	30.93	28.95	CALL

Economy 25 Pin D-Sub Molded Cables - Shielded and Fully Populated

CSM25MM-1	Economy Molded Cable, DB25 Male / Male, 1.0ft (0.3m)	7.88	7.40	6.93	CALL
CSM25MM-2.5	Economy Molded Cable, DB25 Male / Male, 2.5ft (0.8m)	8.81	8.28	7.75	CALL
CSM25MM-5	Economy Molded Cable, DB25 Male / Male, 5.0ft (1.5m)	10.36	9.74	9.12	CALL
CSM25MM-10	Economy Molded Cable, DB25 Male / Male, 10.0ft (3.0m)	14.51	13.64	12.77	CALL
CSM25MM-25	Economy Molded Cable, DB25 Male / Male, 25.0ft (7.6m)	25.91	24.35	22.80	CALL
CSM25MF-1	Economy Molded Cable, DB25 Male / Female, 1.0ft (0.3m)	7.88	7.40	6.93	CALL
CSM25MF-2.5	Economy Molded Cable, DB25 Male / Female, 2.5ft (0.8m)	8.81	8.28	7.75	CALL
CSM25MF-5	Economy Molded Cable, DB25 Male / Female, 5.0ft (1.5m)	10.36	9.74	9.12	CALL
CSM25MF-10	Economy Molded Cable, DB25 Male / Female, 10.0ft (3.0m)	14.51	13.64	12.77	CALL
CSM25MF-25	Economy Molded Cable, DB25 Male / Female, 25.0ft (7.6m)	25.91	24.35	22.80	CALL
CSM25MF-50	Economy Molded Cable, DB25 Male / Female, 50.0ft (15.2m)	41.45	38.96	36.47	CALL

Economy 37 Pin D-Sub Molded Cables - Shielded and Fully Populated

CSM37MM-1	Economy Molded Cable, DB37 Male / Male, 1.0ft (0.3m)	26.79	25.18	23.57	CALL
CSM37MM-2.5	Economy Molded Cable, DB37 Male / Male, 2.5ft (0.8m)	28.50	26.79	25.08	CALL
CSM37MM-5	Economy Molded Cable, DB37 Male / Male, 5.0ft (1.5m)	31.35	29.46	27.58	CALL
CSM37MM-10	Economy Molded Cable, DB37 Male / Male, 10.0ft (3.0m)	37.04	34.82	32.60	CALL
CSM37MF-1	Economy Molded Cable, DB37 Male / Female, 1.0ft (0.3m)	26.79	25.18	23.57	CALL
CSM37MF-2.5	Economy Molded Cable, DB37 Male / Female, 2.5ft (0.8m)	28.50	26.79	25.08	CALL
CSM37MF-5	Economy Molded Cable, DB37 Male / Female, 5.0ft (1.5m)	31.35	29.46	27.58	CALL
CSM37MF-10	Economy Molded Cable, DB37 Male / Female, 10.0ft (3.0m)	37.04	34.82	32.60	CALL
CSM37MF-25	Economy Molded Cable, DB37 Male / Female, 25.0ft (7.6m)	54.14	50.89	47.64	CALL

Replacement 4-40 Screws for CSM Series Assemblies - Sold in 10/Packs

TS-CSM	Replacement Screws for CSM Series Assemblies, Pkg/ 10	3.94	3.70	3.47	CALL
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Copper wire current carrying capacity

Current carrying capacity is the maximum number of amperes (amps) that can flow through a conductor before it breaks down. Many factors determine actual current carrying capacity including conductor size, temperature, number of bundled conductors, air flow and insulation material and thickness. Therefore, this chart should only be used as a general guideline to determine actual performance.

Note: Figures based on 30°C ambient temperature
Units are measured in Amps
x = Current reduction factor
Reduction factors apply when conductors are bundled

INSULATION MATERIAL	WIRE SIZE						
	30 AWG	28 AWG	26 AWG	24 AWG	22 AWG	20 AWG	18 AWG
PVC - Standard Data Cables	2x	3x	4x	6x	8x	10x	15x
Polyethylene - Low Smoke, Zero Halogen Cable	3x	4x	5x	7x	9x	12x	17x
Halar - Plenum, High Temperature Data Cable	3x	5x	6x	8x	11x	14x	20x

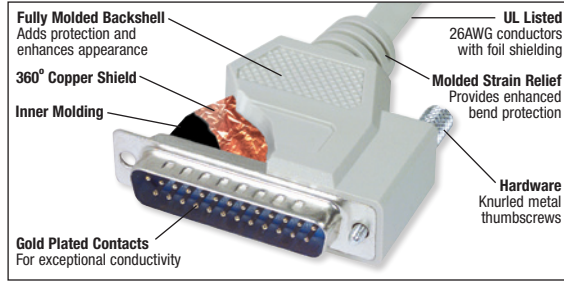
Example:
Q: What is the estimated current capacity for L-com data cable CS9-100?
A: The important factors are:
1) 24 AWG conductors, 2) PVC Insulation, 3) 9 Conductors.
The current rating is: $[6x(x=0.7)] = 4.2$ Amps per conductor.

Deluxe D-Sub Cable Assemblies - Fully Populated with 4-40 Thumbscrews

The CSMN Series of D-Sub cable assemblies is our middle of the line offering excellent performance and lower pricing. All assemblies utilize 26AWG stranded conductors with foil shielding for flexibility and performance. Backshells are fully molded with copper shielding for better immunity to outside noise. Mating hardware is 4-40 thumbscrews which makes securing without tools quick and easy. Hex nuts on female connectors are removable to expose 4-40 thumbscrews.

Note: 50 pin assemblies use 28AWG twisted pairs due to space constraints in backshell molding. Color is light gray.

- More lengths available. Go to L-com.com
- Female / Female in DB9, DB15 and DB25



Item #	Description	1-9	10-24	25-99	100+
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Deluxe 9 Pin D-Sub Molded Cables with Thumbscrews - Shielded and Fully Populated

CSMN9MM-1	Deluxe Molded Cable, DB9 Male/Male, 1.0ft (0.3m)	6.99	6.43	5.88	CALL
CSMN9MM-2.5	Deluxe Molded Cable, DB9 Male/Male, 2.5ft (0.8m)	7.77	7.15	6.53	CALL
CSMN9MM-5	Deluxe Molded Cable, DB9 Male/Male, 5.0ft (1.5m)	9.07	8.34	7.62	CALL
CSMN9MM-10	Deluxe Molded Cable, DB9 Male/Male, 10.0ft (3.0m)	11.66	10.72	9.79	CALL
CSMN9MM-15	Deluxe Molded Cable, DB9 Male/Male, 15.0ft (4.6m)	14.25	13.11	11.97	CALL
CSMN9MM-25	Deluxe Molded Cable, DB9 Male/Male, 25.0ft (7.6m)	19.43	17.87	16.32	CALL
CSMN9MM-125	Deluxe Molded Cable, DB9 Male/Male, 125.0ft (38.1m)	71.24	65.54	59.84	CALL
CSMN9MF-1	Deluxe Molded Cable, DB9 Male/Female, 1.0ft (0.3m)	6.99	6.43	5.88	CALL
CSMN9MF-2.5	Deluxe Molded Cable, DB9 Male/Female, 2.5ft (0.8m)	7.77	7.15	6.53	CALL
CSMN9MF-5	Deluxe Molded Cable, DB9 Male/Female, 5.0ft (1.5m)	9.07	8.34	7.62	CALL
CSMN9MF-10	Deluxe Molded Cable, DB9 Male/Female, 10.0ft (3.0m)	11.66	10.72	9.79	CALL
CSMN9MF-15	Deluxe Molded Cable, DB9 Male/Female, 15.0ft (4.6m)	14.25	13.11	11.97	CALL
CSMN9MF-25	Deluxe Molded Cable, DB9 Male/Female, 25.0ft (7.6m)	19.43	17.87	16.32	CALL
CSMN9FF-1	Deluxe Molded Cable, DB9 Female/Female, 1.0ft (0.3m)	6.99	6.43	5.88	CALL
CSMN9FF-2.5	Deluxe Molded Cable, DB9 Female/Female, 2.5ft (0.8m)	7.77	7.15	6.53	CALL
CSMN9FF-5	Deluxe Molded Cable, DB9 Female/Female, 5.0ft (1.5m)	9.07	8.34	7.62	CALL
CSMN9FF-10	Deluxe Molded Cable, DB9 Female/Female, 10.0ft (3.0m)	11.66	10.72	9.79	CALL
CSMN9FF-15	Deluxe Molded Cable, DB9 Female/Female, 15.0ft (4.6m)	14.25	13.11	11.97	CALL
CSMN9FF-25	Deluxe Molded Cable, DB9 Female/Female, 25.0ft (7.6m)	19.43	17.87	16.32	CALL
CSMN9FF-50	Deluxe Molded Cable, DB9 Female/Female, 50.0ft (15.2m)	32.38	29.79	27.20	CALL



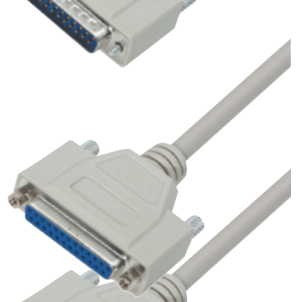
Deluxe 15 Pin D-Sub Molded Cables with Thumbscrews - Shielded and Fully Populated

CSMN15MM-1	Deluxe Molded Cable, DB15 Male/Male, 1.0ft (0.3m)	10.72	10.08	9.44	CALL
CSMN15MM-2.5	Deluxe Molded Cable, DB15 Male/Male, 2.5ft (0.8m)	11.66	10.96	10.26	CALL
CSMN15MM-5	Deluxe Molded Cable, DB15 Male/Male, 5.0ft (1.5m)	13.21	12.42	11.63	CALL
CSMN15MM-10	Deluxe Molded Cable, DB15 Male/Male, 10.0ft (3.0m)	16.32	15.34	14.36	CALL
CSMN15MM-15	Deluxe Molded Cable, DB15 Male/Male, 15.0ft (4.6m)	19.43	18.26	17.10	CALL
CSMN15MM-25	Deluxe Molded Cable, DB15 Male/Male, 25.0ft (7.6m)	25.65	24.11	22.57	CALL
CSMN15MM-50	Deluxe Molded Cable, DB15 Male/Male, 50.0ft (15.2m)	41.19	38.72	36.25	CALL
CSMN15MF-1	Deluxe Molded Cable, DB15 Male/Female, 1.0ft (0.3m)	10.72	10.08	9.44	CALL
CSMN15MF-2.5	Deluxe Molded Cable, DB15 Male/Female, 2.5ft (0.8m)	11.66	10.96	10.26	CALL
CSMN15MF-5	Deluxe Molded Cable, DB15 Male/Female, 5.0ft (1.5m)	13.21	12.42	11.63	CALL
CSMN15MF-10	Deluxe Molded Cable, DB15 Male/Female, 10.0ft (3.0m)	16.32	15.34	14.36	CALL
CSMN15MF-15	Deluxe Molded Cable, DB15 Male/Female, 15.0ft (4.6m)	19.43	18.26	17.10	CALL
CSMN15MF-25	Deluxe Molded Cable, DB15 Male/Female, 25.0ft (7.6m)	25.65	24.11	22.57	CALL
CSMN15MF-50	Deluxe Molded Cable, DB15 Male/Female, 50.0ft (15.2m)	41.19	38.72	36.25	CALL
CSMN15FF-1	Deluxe Molded Cable, DB15 Female/Female, 1.0ft (0.3m)	10.72	10.08	9.44	CALL
CSMN15FF-2.5	Deluxe Molded Cable, DB15 Female/Female, 2.5ft (0.8m)	11.66	10.96	10.26	CALL
CSMN15FF-5	Deluxe Molded Cable, DB15 Female/Female, 5.0ft (1.5m)	13.21	12.42	11.63	CALL
CSMN15FF-10	Deluxe Molded Cable, DB15 Female/Female, 10.0ft (3.0m)	16.32	15.34	14.36	CALL
CSMN15FF-15	Deluxe Molded Cable, DB15 Female/Female, 15.0ft (4.6m)	19.43	18.26	17.10	CALL
CSMN15FF-25	Deluxe Molded Cable, DB15 Female/Female, 25.0ft (7.6m)	25.65	24.11	22.57	CALL
CSMN15FF-50	Deluxe Molded Cable, DB15 Female/Female, 50.0ft (15.2m)	41.19	38.72	36.25	CALL



Deluxe 25 Pin D-Sub Molded Cables with Thumbscrews - Shielded and Fully Populated

CSMN25MM-1	Deluxe Molded Cable, DB25 Male/Male, 1.0ft (0.3m)	9.69	9.11	8.53	CALL
CSMN25MM-2.5	Deluxe Molded Cable, DB25 Male/Male, 2.5ft (0.8m)	10.62	9.98	9.35	CALL
CSMN25MM-5	Deluxe Molded Cable, DB25 Male/Male, 5.0ft (1.5m)	12.18	11.44	10.71	CALL
CSMN25MM-10	Deluxe Molded Cable, DB25 Male/Male, 10.0ft (3.0m)	16.32	15.34	14.36	CALL
CSMN25MM-15	Deluxe Molded Cable, DB25 Male/Male, 15.0ft (4.6m)	19.43	18.26	17.10	CALL
CSMN25MM-25	Deluxe Molded Cable, DB25 Male/Male, 25.0ft (7.6m)	28.75	27.03	25.30	CALL
CSMN25MM-125	Deluxe Molded Cable, DB25 Male/Male, 125.0ft (38.1m)	99.22	93.26	87.31	CALL
CSMN25MF-1	Deluxe Molded Cable, DB25 Male/Female, 1.0ft (0.3m)	9.69	9.11	8.53	CALL
CSMN25MF-2.5	Deluxe Molded Cable, DB25 Male/Female, 2.5ft (0.8m)	10.62	9.98	9.35	CALL
CSMN25MF-5	Deluxe Molded Cable, DB25 Male/Female, 5.0ft (1.5m)	12.18	11.44	10.71	CALL
CSMN25MF-10	Deluxe Molded Cable, DB25 Male/Female, 10.0ft (3.0m)	16.32	15.34	14.36	CALL
CSMN25MF-15	Deluxe Molded Cable, DB25 Male/Female, 15.0ft (4.6m)	19.43	18.26	17.10	CALL
CSMN25MF-25	Deluxe Molded Cable, DB25 Male/Female, 25.0ft (7.6m)	28.75	27.03	25.30	CALL
CSMN25MF-50	Deluxe Molded Cable, DB25 Male/Female, 50.0ft (15.2m)	44.30	41.64	38.98	CALL
CSMN25FF-1	Deluxe Molded Cable, DB25 Female/Female, 1.0ft (0.3m)	9.69	9.11	8.53	CALL
CSMN25FF-2.5	Deluxe Molded Cable, DB25 Female/Female, 2.5ft (0.8m)	10.62	9.98	9.35	CALL
CSMN25FF-5	Deluxe Molded Cable, DB25 Female/Female, 5.0ft (1.5m)	12.18	11.44	10.71	CALL
CSMN25FF-10	Deluxe Molded Cable, DB25 Female/Female, 10.0ft (3.0m)	16.32	15.34	14.36	CALL
CSMN25FF-15	Deluxe Molded Cable, DB25 Female/Female, 15.0ft (4.6m)	19.43	18.26	17.10	CALL
CSMN25FF-25	Deluxe Molded Cable, DB25 Female/Female, 25.0ft (7.6m)	28.75	27.03	25.30	CALL
CSMN25FF-50	Deluxe Molded Cable, DB25 Female/Female, 50.0ft (15.2m)	44.30	41.64	38.98	CALL



Replacement 4-40 Screws for CSMN Series Assemblies - Sold in 10/Packs

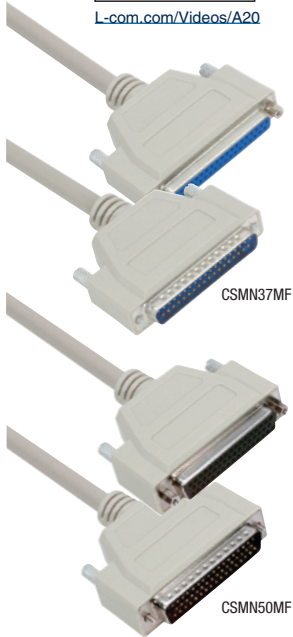
TS-CSMN	Replacement Screws for CSMN Series Assemblies, Pkg/10	4.92	4.63	4.33	CALL
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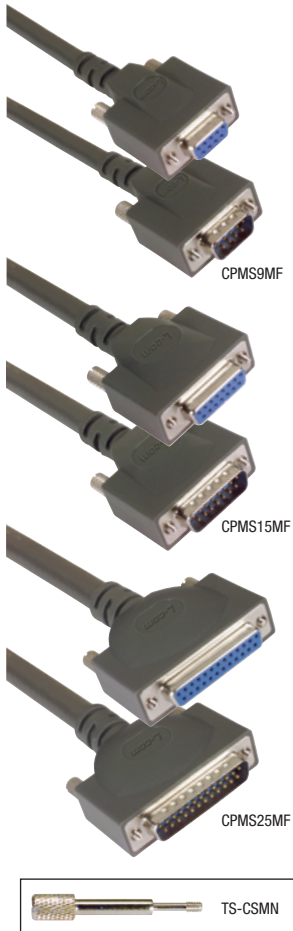
Flammability/toxicity ratings of cable jackets

Online Video

L-com.com/Videos/A20



More lengths available. Go to L-com.com



Item #	Description	1-9	10-24	25-99	100+
Deluxe 37 Pin D-Sub Molded Cables with Thumbscrews - Shielded and Fully Populated					
CSMN37MM-1	Deluxe Molded Cable, DB37 Male/Male, 1.0ft (0.3m)	30.21	28.39	26.58	CALL
CSMN37MM-2.5	Deluxe Molded Cable, DB37 Male/Male, 2.5ft (0.8m)	31.91	30.00	28.09	CALL
CSMN37MM-5	Deluxe Molded Cable, DB37 Male/Male, 5.0ft (1.5m)	34.82	32.73	30.64	CALL
CSMN37MM-10	Deluxe Molded Cable, DB37 Male/Male, 10.0ft (3.0m)	40.62	38.18	35.74	CALL
CSMN37MM-25	Deluxe Molded Cable, DB37 Male/Male, 25.0ft (7.6m)	58.03	54.55	51.06	CALL
CSMN37MM-50	Deluxe Molded Cable, DB37 Male/Male, 50.0ft (15.2m)	87.04	81.82	76.60	CALL
CSMN37MF-1	Deluxe Molded Cable, DB37 Male/Female, 1.0ft (0.3m)	30.21	28.39	26.58	CALL
CSMN37MF-2.5	Deluxe Molded Cable, DB37 Male/Female, 2.5ft (0.8m)	31.91	30.00	28.09	CALL
CSMN37MF-5	Deluxe Molded Cable, DB37 Male/Female, 5.0ft (1.5m)	34.82	32.73	30.64	CALL
CSMN37MF-10	Deluxe Molded Cable, DB37 Male/Female, 10.0ft (3.0m)	40.62	38.18	35.74	CALL
CSMN37MF-25	Deluxe Molded Cable, DB37 Male/Female, 25.0ft (7.6m)	58.03	54.55	51.06	CALL
CSMN37MF-50	Deluxe Molded Cable, DB37 Male/Female, 50.0ft (15.2m)	87.04	81.82	76.60	CALL

Deluxe 50 Pin D-Sub Molded Cables with Thumbscrews - Shielded and Fully Populated

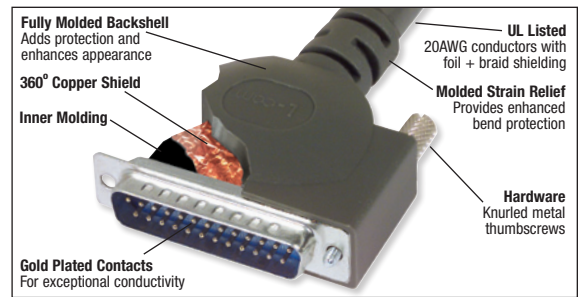
CSMN50MM-1	Deluxe Molded Cable, DB50 Male/Male, 1.0ft (0.3m)	54.56	51.28	48.01	CALL
CSMN50MM-2.5	Deluxe Molded Cable, DB50 Male/Male, 2.5ft (0.8m)	59.79	56.20	52.61	CALL
CSMN50MM-10	Deluxe Molded Cable, DB50 Male/Male, 10.0ft (3.0m)	85.90	80.75	75.59	CALL
CSMN50MM-25	Deluxe Molded Cable, DB50 Male/Male, 25.0ft (7.6m)	138.13	129.84	121.55	CALL
CSMN50MM-50	Deluxe Molded Cable, DB50 Male/Male, 50.0ft (15.2m)	225.17	211.66	198.15	CALL
CSMN50MF-1	Deluxe Molded Cable, DB50 Male/Female, 1.0ft (0.3m)	54.56	51.28	48.01	CALL
CSMN50MF-2.5	Deluxe Molded Cable, DB50 Male/Female, 2.5ft (0.8m)	59.79	56.20	52.61	CALL
CSMN50MF-10	Deluxe Molded Cable, DB50 Male/Female, 10.0ft (3.0m)	85.90	80.75	75.59	CALL
CSMN50MF-25	Deluxe Molded Cable, DB50 Male/Female, 25.0ft (7.6m)	138.13	129.84	121.55	CALL
CSMN50MF-50	Deluxe Molded Cable, DB50 Male/Female, 50.0ft (15.2m)	225.17	211.66	198.15	CALL

Replacement 4-40 Screws for CSMN Series Assemblies - Sold in 10/Packs

TS-CSMN	Replacement Screws for CSMN Series Assemblies, Pkg/10	4.92	4.63	4.33	CALL
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Heavy Duty D-Sub Cables - 20 AWG Conductors, Double Shielded

L-com's ground breaking D-Sub cables use 20 AWG conductors, the largest conductor most D-Sub connectors can accommodate. This allows for maximum current throughput as well as an extremely durable assembly. Other key features include double shielding to prevent against data corrupting EMI/RFI, threaded inserts allowing the cable to be panel mounted directly without use of an adapter, and straight through wiring to accommodate most applications. Standard lengths range from 1 to 50ft (0.3 to 15.2m) and custom lengths/pinouts are available with modest minimum requirements.



Heavy Duty 9 Pin D-Sub Molded Cables with Thumbscrews - 20 AWG Conductors, Double Shielded

CPMS9MM-1	Heavy Duty Molded Cable, DB9 Male/Male, 1.0ft (0.3m)	18.06	16.98	15.89	CALL
CPMS9MM-2.5	Heavy Duty Molded Cable, DB9 Male/Male, 2.5ft (0.8m)	21.16	19.89	18.62	CALL
CPMS9MM-5	Heavy Duty Molded Cable, DB9 Male/Male, 5.0ft (1.5m)	26.22	24.65	23.07	CALL
CPMS9MM-10	Heavy Duty Molded Cable, DB9 Male/Male, 10.0ft (3.0m)	36.39	34.21	32.03	CALL
CPMS9MM-25	Heavy Duty Molded Cable, DB9 Male/Male, 25.0ft (7.6m)	66.97	62.95	58.93	CALL
CPMS9MM-50	Heavy Duty Molded Cable, DB9 Male/Male, 50.0ft (15.2m)	117.89	110.81	103.74	CALL
CPMS9MF-1	Heavy Duty Molded Cable, DB9 Male/Female, 1.0ft (0.3m)	18.06	16.98	15.89	CALL
CPMS9MF-2.5	Heavy Duty Molded Cable, DB9 Male/Female, 2.5ft (0.8m)	21.16	19.89	18.62	CALL
CPMS9MF-5	Heavy Duty Molded Cable, DB9 Male/Female, 5.0ft (1.5m)	26.22	24.65	23.07	CALL
CPMS9MF-10	Heavy Duty Molded Cable, DB9 Male/Female, 10.0ft (3.0m)	36.39	34.21	32.03	CALL
CPMS9MF-25	Heavy Duty Molded Cable, DB9 Male/Female, 25.0ft (7.6m)	66.97	62.95	58.93	CALL
CPMS9MF-50	Heavy Duty Molded Cable, DB9 Male/Female, 50.0ft (15.2m)	117.89	110.81	103.74	CALL

Heavy Duty 15 Pin D-Sub Molded Cables with Thumbscrews - 20 AWG Conductors, Double Shielded

CPMS15MM-1	Heavy Duty Molded Cable, DB15 Male/Male, 1.0ft (0.3m)	25.08	23.57	22.07	CALL
CPMS15MM-2.5	Heavy Duty Molded Cable, DB15 Male/Male, 2.5ft (0.8m)	29.87	28.07	26.28	CALL
CPMS15MM-5	Heavy Duty Molded Cable, DB15 Male/Male, 5.0ft (1.5m)	37.86	35.59	33.32	CALL
CPMS15MM-10	Heavy Duty Molded Cable, DB15 Male/Male, 10.0ft (3.0m)	53.86	50.63	47.39	CALL
CPMS15MM-25	Heavy Duty Molded Cable, DB15 Male/Male, 25.0ft (7.6m)	101.89	95.78	89.67	CALL
CPMS15MM-50	Heavy Duty Molded Cable, DB15 Male/Male, 50.0ft (15.2m)	181.92	171.00	160.09	CALL
CPMS15MF-1	Heavy Duty Molded Cable, DB15 Male/Female, 1.0ft (0.3m)	25.08	23.57	22.07	CALL
CPMS15MF-2.5	Heavy Duty Molded Cable, DB15 Male/Female, 2.5ft (0.8m)	29.87	28.07	26.28	CALL
CPMS15MF-5	Heavy Duty Molded Cable, DB15 Male/Female, 5.0ft (1.5m)	37.86	35.59	33.32	CALL
CPMS15MF-10	Heavy Duty Molded Cable, DB15 Male/Female, 10.0ft (3.0m)	53.86	50.63	47.39	CALL
CPMS15MF-25	Heavy Duty Molded Cable, DB15 Male/Female, 25.0ft (7.6m)	101.89	95.78	89.67	CALL
CPMS15MF-50	Heavy Duty Molded Cable, DB15 Male/Female, 50.0ft (15.2m)	181.92	171.00	160.09	CALL

Heavy Duty 25 Pin D-Sub Molded Cables with Thumbscrews - 20 AWG Conductors, Double Shielded

CPMS25MM-1	Heavy Duty Molded Cable, DB25 Male/Male, 1.0ft (0.3m)	33.18	31.19	29.20	CALL
CPMS25MM-2.5	Heavy Duty Molded Cable, DB25 Male/Male, 2.5ft (0.8m)	41.51	39.02	36.53	CALL
CPMS25MM-5	Heavy Duty Molded Cable, DB25 Male/Male, 5.0ft (1.5m)	55.33	52.01	48.69	CALL
CPMS25MM-10	Heavy Duty Molded Cable, DB25 Male/Male, 10.0ft (3.0m)	82.96	77.98	73.01	CALL
CPMS25MM-25	Heavy Duty Molded Cable, DB25 Male/Male, 25.0ft (7.6m)	165.92	155.97	146.01	CALL
CPMS25MM-50	Heavy Duty Molded Cable, DB25 Male/Male, 50.0ft (15.2m)	304.15	285.90	267.65	CALL
CPMS25MF-1	Heavy Duty Molded Cable, DB25 Male/Female, 1.0ft (0.3m)	33.18	31.19	29.20	CALL
CPMS25MF-2.5	Heavy Duty Molded Cable, DB25 Male/Female, 2.5ft (0.8m)	41.51	39.02	36.53	CALL
CPMS25MF-5	Heavy Duty Molded Cable, DB25 Male/Female, 5.0ft (1.5m)	55.33	52.01	48.69	CALL
CPMS25MF-10	Heavy Duty Molded Cable, DB25 Male/Female, 10.0ft (3.0m)	82.96	77.98	73.01	CALL
CPMS25MF-25	Heavy Duty Molded Cable, DB25 Male/Female, 25.0ft (7.6m)	165.92	155.97	146.01	CALL
CPMS25MF-50	Heavy Duty Molded Cable, DB25 Male/Female, 50.0ft (15.2m)	304.15	285.90	267.65	CALL

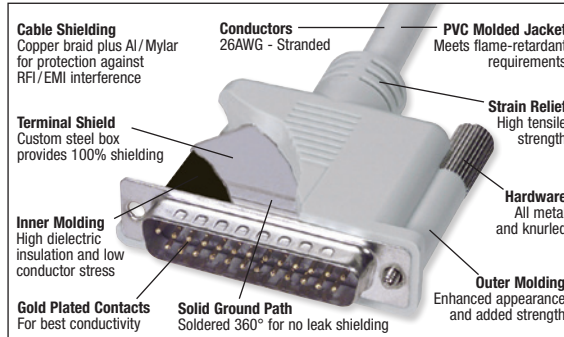
Replacement 4-40 Screws for CPMS Series Assemblies - Sold in 10/Packs

TS-CSMN	Replacement Screws for CPMS Series Assemblies, Pkg/10	4.92	4.63	4.33	CALL
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Premium D-Sub Cable Assemblies - Fully Populated and Double Shielded

The CS2N Series of D-Sub cable assemblies is our top of the line D-Sub cabling offering. These cables offer the best features for those applications where only the best will do. The bulk cable utilizes 26AWG stranded conductors with double shielding (copper braid plus aluminum mylar foil) and flexible PVC jacket. Fully molded backshells also have a unique stamped steel internal enclosure that provides the ultimate in shielding performance. Mounting is done via rugged 4-40 thumbscrews that are easy to grip without the need for a screwdriver. Hex nuts on female connectors are removable to expose 4-40 thumbscrews. Color is light gray.

• More lengths available. Go to L-com.com



No more D-Sub connector gender confusion

Online Video

L-com.com/Videos/A14

Best Seller



Item #	Description	1-9	10-24	25-99	100+
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Premium 9 Pin D-Sub Cables - Molded, Fully Populated and Double Shielded

CS2N9MM-1	Premium Molded Cable, DB9 Male/Male, 1.0ft (0.3m)	15.44	14.51	13.59	CALL
CS2N9MM-2.5	Premium Molded Cable, DB9 Male/Male, 2.5ft (0.8m)	16.84	15.83	14.82	CALL
CS2N9MM-6	Premium Molded Cable, DB9 Male/Male, 6.0ft (1.8m)	20.10	18.90	17.69	CALL
CS2N9MM-10	Premium Molded Cable, DB9 Male/Male, 10.0ft (3.0m)	23.83	22.40	20.97	CALL
CS2N9MM-15	Premium Molded Cable, DB9 Male/Male, 15.0ft (4.6m)	28.50	26.79	25.08	CALL
CS2N9MM-25	Premium Molded Cable, DB9 Male/Male, 25.0ft (7.6m)	37.82	35.55	33.28	CALL
CS2N9MM-50	Premium Molded Cable, DB9 Male/Male, 50.0ft (15.2m)	61.14	57.47	53.80	CALL
CS2N9MF-1	Premium Molded Cable, DB9 Male/Female, 1.0ft (0.3m)	15.44	14.51	13.59	CALL
CS2N9MF-2.5	Premium Molded Cable, DB9 Male/Female, 2.5ft (0.8m)	16.84	15.83	14.82	CALL
CS2N9MF-6	Premium Molded Cable, DB9 Male/Female, 6.0ft (1.8m)	20.10	18.90	17.69	CALL
CS2N9MF-10	Premium Molded Cable, DB9 Male/Female, 10.0ft (3.0m)	23.83	22.40	20.97	CALL
CS2N9MF-15	Premium Molded Cable, DB9 Male/Female, 15.0ft (4.6m)	28.50	26.79	25.08	CALL
CS2N9MF-25	Premium Molded Cable, DB9 Male/Female, 25.0ft (7.6m)	37.82	35.55	33.28	CALL
CS2N9MF-50	Premium Molded Cable, DB9 Male/Female, 50.0ft (15.2m)	61.14	57.47	53.80	CALL

Premium HD15 D-Sub Cables - Molded, Fully Populated and Double Shielded

CS2H15MM-1	Premium Molded Cable, HD15 Male/Male, 1.0ft (0.3m)	20.67	19.43	18.19	CALL
CS2H15MM-2.5	Premium Molded Cable, HD15 Male/Male, 2.5ft (0.8m)	22.33	20.99	19.65	CALL
CS2H15MM-5	Premium Molded Cable, HD15 Male/Male, 5.0ft (1.5m)	25.02	23.52	22.02	CALL
CS2H15MM-10	Premium Molded Cable, HD15 Male/Male, 10.0ft (3.0m)	30.46	28.64	26.81	CALL
CS2H15MM-25	Premium Molded Cable, HD15 Male/Male, 25.0ft (7.6m)	46.78	43.98	41.17	CALL
CS2H15MM-50	Premium Molded Cable, HD15 Male/Male, 50.0ft (15.2m)	73.98	69.55	65.11	CALL
CS2H15MF-1	Premium Molded Cable, HD15 Male/Female, 1.0ft (0.3m)	20.67	19.43	18.19	CALL
CS2H15MF-2.5	Premium Molded Cable, HD15 Male/Female, 2.5ft (0.8m)	22.33	20.99	19.65	CALL
CS2H15MF-5	Premium Molded Cable, HD15 Male/Female, 5.0ft (1.5m)	25.02	23.52	22.02	CALL
CS2H15MF-10	Premium Molded Cable, HD15 Male/Female, 10.0ft (3.0m)	30.46	28.64	26.81	CALL
CS2H15MF-25	Premium Molded Cable, HD15 Male/Female, 25.0ft (7.6m)	46.78	43.98	41.17	CALL
CS2H15MF-50	Premium Molded Cable, HD15 Male/Female, 50.0ft (15.2m)	73.98	69.55	65.11	CALL

Premium DB15 D-Sub Cables - Molded, Fully Populated and Double Shielded

CS2N15MM-1	Premium Molded Cable, DB15 Male/Male, 1.0ft (0.3m)	19.90	18.70	17.51	CALL
CS2N15MM-2.5	Premium Molded Cable, DB15 Male/Male, 2.5ft (0.8m)	21.14	19.87	18.60	CALL
CS2N15MM-5	Premium Molded Cable, DB15 Male/Male, 5.0ft (1.5m)	22.80	21.43	20.06	CALL
CS2N15MM-10	Premium Molded Cable, DB15 Male/Male, 10.0ft (3.0m)	26.42	24.84	23.25	CALL
CS2N15MM-25	Premium Molded Cable, DB15 Male/Male, 25.0ft (7.6m)	37.30	35.07	32.83	CALL
CS2N15MF-1	Premium Molded Cable, DB15 Male/Female, 1.0ft (0.3m)	19.90	18.70	17.51	CALL
CS2N15MF-2.5	Premium Molded Cable, DB15 Male/Female, 2.5ft (0.8m)	21.14	19.87	18.60	CALL
CS2N15MF-5	Premium Molded Cable, DB15 Male/Female, 5.0ft (1.5m)	22.80	21.43	20.06	CALL
CS2N15MF-10	Premium Molded Cable, DB15 Male/Female, 10.0ft (3.0m)	26.42	24.84	23.25	CALL
CS2N15MF-25	Premium Molded Cable, DB15 Male/Female, 25.0ft (7.6m)	37.30	35.07	32.83	CALL

Premium 25 Pin D-Sub Cables - Molded, Fully Populated and Double Shielded

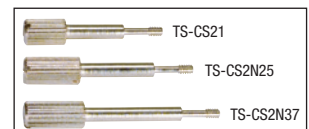
CS2N25MM-1	Premium Molded Cable, DB25 Male/Male, 1.0ft (0.3m)	21.76	20.45	19.15	CALL
CS2N25MM-2.5	Premium Molded Cable, DB25 Male/Male, 2.5ft (0.8m)	23.31	21.92	20.52	CALL
CS2N25MM-5	Premium Molded Cable, DB25 Male/Male, 5.0ft (1.5m)	25.91	24.35	22.80	CALL
CS2N25MM-10	Premium Molded Cable, DB25 Male/Male, 10.0ft (3.0m)	31.09	29.22	27.36	CALL
CS2N25MM-25	Premium Molded Cable, DB25 Male/Male, 25.0ft (7.6m)	46.63	43.83	41.03	CALL
CS2N25MM-50	Premium Molded Cable, DB25 Male/Male, 50.0ft (15.2m)	72.53	68.18	63.83	CALL
CS2N25MF-1	Premium Molded Cable, DB25 Male/Female, 1.0ft (0.3m)	21.76	20.45	19.15	CALL
CS2N25MF-5	Premium Molded Cable, DB25 Male/Female, 5.0ft (1.5m)	25.91	24.35	22.80	CALL
CS2N25MF-10	Premium Molded Cable, DB25 Male/Female, 10.0ft (3.0m)	31.09	29.22	27.36	CALL
CS2N25MF-25	Premium Molded Cable, DB25 Male/Female, 25.0ft (7.6m)	46.63	43.83	41.03	CALL
CS2N25MF-50	Premium Molded Cable, DB25 Male/Female, 50.0ft (15.2m)	72.53	68.18	63.83	CALL

Premium 37 Pin D-Sub Cables - Molded, Fully Populated and Double Shielded

CS2N37MM-1	Premium Molded Cable, DB37 Male/Male, 1.0ft (0.3m)	39.74	37.35	34.97	CALL
CS2N37MM-2.5	Premium Molded Cable, DB37 Male/Male, 2.5ft (0.8m)	42.17	39.64	37.11	CALL
CS2N37MM-5	Premium Molded Cable, DB37 Male/Male, 5.0ft (1.5m)	46.27	43.49	40.71	CALL
CS2N37MM-10	Premium Molded Cable, DB37 Male/Male, 10.0ft (3.0m)	54.40	51.14	47.87	CALL
CS2N37MM-25	Premium Molded Cable, DB37 Male/Male, 25.0ft (7.6m)	78.91	74.17	69.44	CALL
CS2N37MF-1	Premium Molded Cable, DB37 Male/Female, 1.0ft (0.3m)	39.74	37.35	34.97	CALL
CS2N37MF-2.5	Premium Molded Cable, DB37 Male/Female, 2.5ft (0.8m)	42.17	39.64	37.11	CALL
CS2N37MF-5	Premium Molded Cable, DB37 Male/Female, 5.0ft (1.5m)	46.27	43.49	40.71	CALL
CS2N37MF-10	Premium Molded Cable, DB37 Male/Female, 10.0ft (3.0m)	54.40	51.14	47.87	CALL
CS2N37MF-25	Premium Molded Cable, DB37 Male/Female, 25.0ft (7.6m)	78.91	74.17	69.44	CALL

Replacement 4-40 Screws for CS2N and CS2H Series Assemblies - Sold in 10/Packs

TS-CS21	Replacement Screws for CS2N9, CS2N15, CS2H15 Series Assemblies, Pkg/10	4.25	3.99	3.74	CALL
TS-CS2N25	Replacement Screws for CS2N25 Series Assemblies, Pkg/10	4.25	3.99	3.74	CALL
TS-CS2N37	Replacement Screws for CS2N37 Series Assemblies, Pkg/10	4.66	4.38	4.10	CALL



More lengths available.
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CS2NB9MF



CS2HB15MF

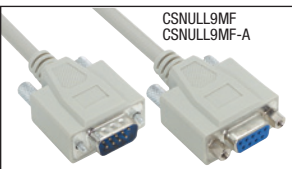
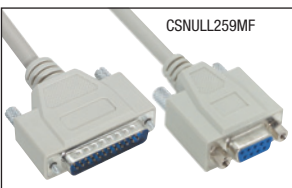


CS2NB25MF



TS-CS21

TS-CS2N25

CSNULL9MF
CSNULL9MF-A

CSNULL259MF

See detailed drawings for wiring
information at L-com.com

Item #	Description	1-9	10-24	25-99	100+
Premium 9 Pin Black D-Sub Cables - Molded, Fully Populated and Double Shielded					
CS2NB9MM-1	Premium Molded Black Cable, DB9 Male/Male, 1.0ft (0.3m)	15.44	14.51	13.59	CALL
CS2NB9MM-2.5	Premium Molded Black Cable, DB9 Male/Male, 2.5ft (0.8m)	16.84	15.83	14.82	CALL
CS2NB9MM-5	Premium Molded Black Cable, DB9 Male/Male, 5.0ft (1.5m)	19.17	18.02	16.87	CALL
CS2NB9MM-10	Premium Molded Black Cable, DB9 Male/Male, 10.0ft (3.0m)	23.83	22.40	20.97	CALL
CS2NB9MM-15	Premium Molded Black Cable, DB9 Male/Male, 15.0ft (4.6m)	28.50	26.79	25.08	CALL
CS2NB9MM-25	Premium Molded Black Cable, DB9 Male/Male, 25.0ft (7.6m)	37.82	35.55	33.28	CALL
CS2NB9MM-50	Premium Molded Black Cable, DB9 Male/Male, 50.0ft (15.2m)	61.14	57.47	53.80	CALL
CS2NB9MF-1	Premium Molded Black Cable, DB9 Male/Female, 1.0ft (0.3m)	15.44	14.51	13.59	CALL
CS2NB9MF-2.5	Premium Molded Black Cable, DB9 Male/Female, 2.5ft (0.8m)	16.84	15.83	14.82	CALL
CS2NB9MF-5	Premium Molded Black Cable, DB9 Male/Female, 5.0ft (1.5m)	19.17	18.02	16.87	CALL
CS2NB9MF-10	Premium Molded Black Cable, DB9 Male/Female, 10.0ft (3.0m)	23.83	22.40	20.97	CALL
CS2NB9MF-15	Premium Molded Black Cable, DB9 Male/Female, 15.0ft (4.6m)	28.50	26.79	25.08	CALL
CS2NB9MF-25	Premium Molded Black Cable, DB9 Male/Female, 25.0ft (7.6m)	37.82	35.55	33.28	CALL
CS2NB9MF-50	Premium Molded Black Cable, DB9 Male/Female, 50.0ft (15.2m)	61.14	57.47	53.80	CALL

Premium HD15 Pin Black D-Sub Cables - Molded, Fully Populated and Double Shielded

CS2HB15MM-1	Premium Molded Black Cable, HD15 Male/Male, 1.0ft (0.3m)	20.67	19.43	18.19	CALL
CS2HB15MM-2.5	Premium Molded Black Cable, HD15 Male/Male, 2.5ft (0.8m)	22.33	20.99	19.65	CALL
CS2HB15MM-5	Premium Molded Black Cable, HD15 Male/Male, 5.0ft (1.5m)	25.02	23.52	22.02	CALL
CS2HB15MM-10	Premium Molded Black Cable, HD15 Male/Male, 10.0ft (3.0m)	30.46	28.64	26.81	CALL
CS2HB15MM-15	Premium Molded Black Cable, HD15 Male/Male, 15.0ft (4.6m)	35.90	33.75	31.60	CALL
CS2HB15MM-25	Premium Molded Black Cable, HD15 Male/Male, 25.0ft (7.6m)	46.78	43.98	41.17	CALL
CS2HB15MM-50	Premium Molded Black Cable, HD15 Male/Male, 50.0ft (15.2m)	73.98	69.55	65.11	CALL
CS2HB15MF-1	Premium Molded Black Cable, HD15 Male/Female, 1.0ft (0.3m)	20.67	19.43	18.19	CALL
CS2HB15MF-2.5	Premium Molded Black Cable, HD15 Male/Female, 2.5ft (0.8m)	22.33	20.99	19.65	CALL
CS2HB15MF-5	Premium Molded Black Cable, HD15 Male/Female, 5.0ft (1.5m)	25.02	23.52	22.02	CALL
CS2HB15MF-10	Premium Molded Black Cable, HD15 Male/Female, 10.0ft (3.0m)	30.46	28.64	26.81	CALL
CS2HB15MF-15	Premium Molded Black Cable, HD15 Male/Female, 15.0ft (4.6m)	35.90	33.75	31.60	CALL
CS2HB15MF-25	Premium Molded Black Cable, HD15 Male/Female, 25.0ft (7.6m)	46.78	43.98	41.17	CALL
CS2HB15MF-50	Premium Molded Black Cable, HD15 Male/Female, 50.0ft (15.2m)	73.98	69.55	65.11	CALL

Premium 15 Pin Black D-Sub Cables - Molded, Fully Populated and Double Shielded

CS2NB15MM-1	Premium Molded Black Cable, DB15 Male/Male, 1.0ft (0.3m)	19.69	18.51	17.33	CALL
CS2NB15MM-2.5	Premium Molded Black Cable, DB15 Male/Male, 2.5ft (0.8m)	21.24	19.97	18.69	CALL
CS2NB15MM-5	Premium Molded Black Cable, DB15 Male/Male, 5.0ft (1.5m)	23.83	22.40	20.97	CALL
CS2NB15MM-10	Premium Molded Black Cable, DB15 Male/Male, 10.0ft (3.0m)	34.19	32.14	30.09	CALL
CS2NB15MM-15	Premium Molded Black Cable, DB15 Male/Male, 15.0ft (4.6m)	44.56	41.88	39.21	CALL
CS2NB15MM-25	Premium Molded Black Cable, DB15 Male/Male, 25.0ft (7.6m)	70.46	66.23	62.01	CALL
CS2NB15MM-50	Premium Molded Black Cable, DB15 Male/Male, 50.0ft (15.2m)	70.46	66.23	62.01	CALL
CS2NB15MF-1	Premium Molded Black Cable, DB15 Male/Female, 1.0ft (0.3m)	19.69	18.51	17.33	CALL
CS2NB15MF-2.5	Premium Molded Black Cable, DB15 Male/Female, 2.5ft (0.8m)	21.24	19.97	18.69	CALL
CS2NB15MF-5	Premium Molded Black Cable, DB15 Male/Female, 5.0ft (1.5m)	23.83	22.40	20.97	CALL
CS2NB15MF-10	Premium Molded Black Cable, DB15 Male/Female, 10.0ft (3.0m)	29.01	27.27	25.53	CALL
CS2NB15MF-15	Premium Molded Black Cable, DB15 Male/Female, 15.0ft (4.6m)	34.19	32.14	30.09	CALL
CS2NB15MF-25	Premium Molded Black Cable, DB15 Male/Female, 25.0ft (7.6m)	44.56	41.88	39.21	CALL
CS2NB15MF-50	Premium Molded Black Cable, DB15 Male/Female, 50.0ft (15.2m)	70.46	66.23	62.01	CALL

Premium 25 Pin Black D-Sub Cables - Molded, Fully Populated and Double Shielded

CS2NB25MM-1	Premium Molded Black Cable, DB25 Male/Male, 1.0ft (0.3m)	21.76	20.45	19.15	CALL
CS2NB25MM-2.5	Premium Molded Black Cable, DB25 Male/Male, 2.5ft (0.8m)	23.31	21.92	20.52	CALL
CS2NB25MM-5	Premium Molded Black Cable, DB25 Male/Male, 5.0ft (1.5m)	25.91	24.35	22.80	CALL
CS2NB25MM-10	Premium Molded Black Cable, DB25 Male/Male, 10.0ft (3.0m)	31.09	29.22	27.36	CALL
CS2NB25MM-15	Premium Molded Black Cable, DB25 Male/Male, 15.0ft (4.6m)	36.27	34.09	31.91	CALL
CS2NB25MM-25	Premium Molded Black Cable, DB25 Male/Male, 25.0ft (7.6m)	46.63	43.83	41.03	CALL
CS2NB25MM-50	Premium Molded Black Cable, DB25 Male/Male, 50.0ft (15.2m)	72.53	68.18	63.83	CALL
CS2NB25MF-1	Premium Molded Black Cable, DB25 Male/Female, 1.0ft (0.3m)	21.76	20.45	19.15	CALL
CS2NB25MF-2.5	Premium Molded Black Cable, DB25 Male/Female, 2.5ft (0.8m)	23.31	21.92	20.52	CALL
CS2NB25MF-5	Premium Molded Black Cable, DB25 Male/Female, 5.0ft (1.5m)	25.91	24.35	22.80	CALL
CS2NB25MF-10	Premium Molded Black Cable, DB25 Male/Female, 10.0ft (3.0m)	31.09	29.22	27.36	CALL
CS2NB25MF-15	Premium Molded Black Cable, DB25 Male/Female, 15.0ft (4.6m)	36.27	34.09	31.91	CALL
CS2NB25MF-25	Premium Molded Black Cable, DB25 Male/Female, 25.0ft (7.6m)	46.63	43.83	41.03	CALL
CS2NB25MF-50	Premium Molded Black Cable, DB25 Male/Female, 50.0ft (15.2m)	72.53	68.18	63.83	CALL

Replacement 4-40 Screws for CS2NB and CS2HB Series Assemblies - Sold in 10/Packs

TS-CS21	Replacement Screws for CS2NB9, CS2NB15, CS2HB15 Series Assemblies, Pkg/10	4.25	3.99	3.74	CALL
TS-CS2N25	Replacement Screws for CS2NB25 Series Assemblies, Pkg/10	4.25	3.99	3.74	CALL

Deluxe Null Modem Cable Assemblies with Thumbscrews, Fully Shielded

The CSNULL series of cable assemblies features the same construction as the CSMN series but is wired to the most common null modem wiring schemes. The transmit data and receive data signals are crossed to allow two DTE or DCE devices to communicate.

CSNULL9FF-5	Deluxe Null Modem Cable, DB9 Female/Female, 5.0ft (1.5m)	12.28	11.30	10.31	CALL
CSNULL9FF-10	Deluxe Null Modem Cable, DB9 Female/Female, 10.0ft (3.0m)	14.25	13.11	11.97	CALL
CSNULL9FF-25	Deluxe Null Modem Cable, DB9 Female/Female, 25.0ft (7.6m)	20.26	18.64	17.02	CALL
CSNULL9MF-5	Deluxe Null Modem Cable, DB9 Male/Female, 5.0ft (1.5m)	12.28	11.30	10.31	CALL
CSNULL9MF-10	Deluxe Null Modem Cable, DB9 Male/Female, 10.0ft (3.0m)	14.25	13.11	11.97	CALL
CSNULL9MF-25	Deluxe Null Modem Cable, DB9 Male/Female, 25.0ft (7.6m)	20.26	18.64	17.02	CALL
CSNULL9FF-5A	Deluxe Null Modem Cable, DB9 Female/Female, 5.0ft (1.5m)	12.28	11.30	10.31	CALL
CSNULL9FF-10A	Deluxe Null Modem Cable, DB9 Female/Female, 10.0ft (3.0m)	14.25	13.11	11.97	CALL
CSNULL9FF-25A	Deluxe Null Modem Cable, DB9 Female/Female, 25.0ft (7.6m)	20.26	18.64	17.02	CALL
CSNULL9MF-5A	Deluxe Null Modem Cable, DB9 Male/Female, 5.0ft (1.5m)	12.28	11.30	10.31	CALL
CSNULL9MF-10A	Deluxe Null Modem Cable, DB9 Male/Female, 10.0ft (3.0m)	14.25	13.11	11.97	CALL
CSNULL9MF-25A	Deluxe Null Modem Cable, DB9 Male/Female, 25.0ft (7.6m)	20.26	18.64	17.02	CALL
CSNULL259MF-5	Deluxe Null Modem Cable, DB25 Male/DB9 Female, 5.0ft (1.5m)	12.85	11.82	10.79	CALL
CSNULL259MF-10	Deluxe Null Modem Cable, DB25 Male/DB9 Female, 10.0ft (3.0m)	14.82	13.63	12.45	CALL
CSNULL259MF-25	Deluxe Null Modem Cable, DB25 Male/DB9 Female, 25.0ft (7.6m)	20.83	19.16	17.50	CALL

Item #	Description	1-9	10-24	25-99	100+
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Deluxe Molded Black D-Sub Cables

These cables give the user the option to color match to black equipment and are constructed identically to our popular CSMN light gray cable series.

Deluxe 9 Pin D-Sub Molded Cables - Shielded and Fully Populated

CSMNB9MM-1	Deluxe Molded Cable, DB9 Male/Male, 1.0ft (0.3m)	6.99	6.43	5.88	CALL
CSMNB9MM-5	Deluxe Molded Cable, DB9 Male/Male, 5.0ft (1.5m)	9.07	8.34	7.62	CALL
CSMNB9MM-10	Deluxe Molded Cable, DB9 Male/Male, 10.0ft (3.0m)	11.66	10.72	9.79	CALL
CSMNB9MM-25	Deluxe Molded Cable, DB9 Male/Male, 25.0ft (7.6m)	19.43	17.87	16.32	CALL
CSMNB9MM-50	Deluxe Molded Cable, DB9 Male/Male, 50.0ft (15.2m)	32.38	29.79	27.20	CALL
CSMNB9MF-2.5	Deluxe Molded Cable, DB9 Male/Female, 2.5ft (0.8m)	7.77	7.15	6.53	CALL
CSMNB9MF-5	Deluxe Molded Cable, DB9 Male/Female, 5.0ft (1.5m)	9.07	8.34	7.62	CALL
CSMNB9MF-10	Deluxe Molded Cable, DB9 Male/Female, 10.0ft (3.0m)	11.66	10.72	9.79	CALL
CSMNB9MF-15	Deluxe Molded Cable, DB9 Male/Female, 15.0ft (4.6m)	14.25	13.11	11.97	CALL
CSMNB9MF-50	Deluxe Molded Cable, DB9 Male/Female, 50.0ft (15.2m)	32.38	29.79	27.20	CALL

Deluxe 15 Pin D-Sub Molded Cables - Shielded and Fully Populated

CSMNB15MM-1	Deluxe Molded Cable, DB15 Male/Male, 1.0ft (0.3m)	10.72	10.08	9.44	CALL
CSMNB15MM-5	Deluxe Molded Cable, DB15 Male/Male, 5.0ft (1.5m)	13.21	12.42	11.63	CALL
CSMNB15MM-10	Deluxe Molded Cable, DB15 Male/Male, 10.0ft (3.0m)	16.32	15.34	14.36	CALL
CSMNB15MM-25	Deluxe Molded Cable, DB15 Male/Male, 25.0ft (7.6m)	25.65	24.11	22.57	CALL
CSMNB15MM-50	Deluxe Molded Cable, DB15 Male/Male, 50.0ft (15.2m)	41.19	38.72	36.25	CALL
CSMNB15MF-1	Deluxe Molded Cable, DB15 Male/Female, 1.0ft (0.3m)	10.72	10.08	9.44	CALL
CSMNB15MF-2.5	Deluxe Molded Cable, DB15 Male/Female, 2.5ft (0.8m)	11.66	10.96	10.26	CALL
CSMNB15MF-5	Deluxe Molded Cable, DB15 Male/Female, 5.0ft (1.5m)	13.21	12.42	11.63	CALL
CSMNB15MF-10	Deluxe Molded Cable, DB15 Male/Female, 10.0ft (3.0m)	16.32	15.34	14.36	CALL
CSMNB15MF-15	Deluxe Molded Cable, DB15 Male/Female, 15.0ft (4.6m)	19.43	18.26	17.10	CALL
CSMNB15MF-25	Deluxe Molded Cable, DB15 Male/Female, 25.0ft (7.6m)	25.65	24.11	22.57	CALL
CSMNB15MF-50	Deluxe Molded Cable, DB15 Male/Female, 50.0ft (15.2m)	41.19	38.72	36.25	CALL

Deluxe 25 Pin D-Sub Molded Cables - Shielded and Fully Populated

CSMNB25MM-1	Deluxe Molded Cable, DB25 Male/Male, 1.0ft (0.3m)	9.69	9.11	8.53	CALL
CSMNB25MM-5	Deluxe Molded Cable, DB25 Male/Male, 5.0ft (1.5m)	12.18	11.44	10.71	CALL
CSMNB25MM-10	Deluxe Molded Cable, DB25 Male/Male, 10.0ft (3.0m)	16.32	15.34	14.36	CALL
CSMNB25MM-25	Deluxe Molded Cable, DB25 Male/Male, 25.0ft (7.6m)	28.75	27.03	25.30	CALL
CSMNB25MM-50	Deluxe Molded Cable, DB25 Male/Male, 50.0ft (15.2m)	44.30	41.64	38.98	CALL
CSMNB25MF-2.5	Deluxe Molded Cable, DB25 Male/Female, 2.5ft (0.8m)	10.62	9.98	9.35	CALL
CSMNB25MF-5	Deluxe Molded Cable, DB25 Male/Female, 5.0ft (1.5m)	12.18	11.44	10.71	CALL
CSMNB25MF-10	Deluxe Molded Cable, DB25 Male/Female, 10.0ft (3.0m)	16.32	15.34	14.36	CALL
CSMNB25MF-15	Deluxe Molded Cable, DB25 Male/Female, 15.0ft (4.6m)	19.43	18.26	17.10	CALL
CSMNB25MF-50	Deluxe Molded Cable, DB25 Male/Female, 50.0ft (15.2m)	44.30	41.64	38.98	CALL

Low Smoke Zero Halogen (LSZH) D-Sub Cable Assemblies, DB9, DB15 and DB25

LSZH D-Sub cable assemblies are available in DB9, DB15 and DB25 connector sizes with male to male and male to female configurations. Cable is 24AWG with a foil/braid shield.

Low Smoke Zero Halogen 9 Pin D-Sub Cables - Fully Populated and Double Shielded

CSMUZ9MM-1	LSZH Cable, DB9 Male/Male, 1.0ft (0.3m)	28.75	27.60	26.45	CALL
CSMUZ9MM-5	LSZH Cable, DB9 Male/Male, 5.0ft (1.5m)	34.97	33.57	32.17	CALL
CSMUZ9MM-10	LSZH Cable, DB9 Male/Male, 10.0ft (3.0m)	42.74	41.03	39.32	CALL
CSMUZ9MM-25	LSZH Cable, DB9 Male/Male, 25.0ft (7.6m)	58.29	55.95	53.62	CALL
CSMUZ9MM-125	LSZH Cable, DB9 Male/Male, 125.0ft (38.1m)	213.72	205.17	196.62	CALL
CSMUZ9MF-1	LSZH Cable, DB9 Male/Female, 1.0ft (0.3m)	28.75	27.60	26.45	CALL
CSMUZ9MF-5	LSZH Cable, DB9 Male/Female, 5.0ft (1.5m)	34.97	33.57	32.17	CALL
CSMUZ9MF-10	LSZH Cable, DB9 Male/Female, 10.0ft (3.0m)	42.74	41.03	39.32	CALL
CSMUZ9MF-25	LSZH Cable, DB9 Male/Female, 25.0ft (7.6m)	58.29	55.95	53.62	CALL
CSMUZ9MF-125	LSZH Cable, DB9 Male/Female, 125.0ft (38.1m)	213.72	205.17	196.62	CALL

Low Smoke Zero Halogen 15 Pin D-Sub Cables - Fully Populated and Double Shielded

CSMUZ15MM-1	LSZH Cable, DB15 Male/Male, 1.0ft (0.3m)	30.57	29.35	28.12	CALL
CSMUZ15MM-2.5	LSZH Cable, DB15 Male/Male, 2.5ft (0.8m)	33.68	32.33	30.98	CALL
CSMUZ15MM-5	LSZH Cable, DB15 Male/Male, 5.0ft (1.5m)	38.86	37.30	35.75	CALL
CSMUZ15MM-10	LSZH Cable, DB15 Male/Male, 10.0ft (3.0m)	49.22	47.25	45.28	CALL
CSMUZ15MM-15	LSZH Cable, DB15 Male/Male, 15.0ft (4.6m)	59.58	57.20	54.81	CALL
CSMUZ15MM-25	LSZH Cable, DB15 Male/Male, 25.0ft (7.6m)	68.39	65.65	62.92	CALL
CSMUZ15MM-50	LSZH Cable, DB15 Male/Male, 50.0ft (15.2m)	120.20	115.39	110.58	CALL
CSMUZ15MM-125	LSZH Cable, DB15 Male/Male, 125.0ft (38.1m)	275.63	264.60	253.58	CALL
CSMUZ15MF-1	LSZH Cable, DB15 Male/Female, 1.0ft (0.3m)	30.57	29.35	28.12	CALL
CSMUZ15MF-2.5	LSZH Cable, DB15 Male/Female, 2.5ft (0.8m)	33.68	32.33	30.98	CALL
CSMUZ15MF-5	LSZH Cable, DB15 Male/Female, 5.0ft (1.5m)	38.86	37.30	35.75	CALL
CSMUZ15MF-10	LSZH Cable, DB15 Male/Female, 10.0ft (3.0m)	49.22	47.25	45.28	CALL
CSMUZ15MF-15	LSZH Cable, DB15 Male/Female, 15.0ft (4.6m)	59.58	57.20	54.81	CALL
CSMUZ15MF-25	LSZH Cable, DB15 Male/Female, 25.0ft (7.6m)	68.39	65.65	62.92	CALL
CSMUZ15MF-50	LSZH Cable, DB15 Male/Female, 50.0ft (15.2m)	120.20	115.39	110.58	CALL
CSMUZ15MF-125	LSZH Cable, DB15 Male/Female, 125.0ft (38.1m)	275.63	264.60	253.58	CALL

Low Smoke Zero Halogen 25 Pin D-Sub Cables - Fully Populated and Double Shielded

CSMUZ25MM-2.5	LSZH Cable, DB25 Male/Male, 2.5ft (0.8m)	38.86	37.30	35.75	CALL
CSMUZ25MM-5	LSZH Cable, DB25 Male/Male, 5.0ft (1.5m)	46.63	44.76	42.90	CALL
CSMUZ25MM-15	LSZH Cable, DB25 Male/Male, 15.0ft (4.6m)	77.72	74.61	71.50	CALL
CSMUZ25MM-50	LSZH Cable, DB25 Male/Male, 50.0ft (15.2m)	170.97	164.13	157.30	CALL
CSMUZ25MM-125	LSZH Cable, DB25 Male/Male, 125.0ft (38.1m)	404.12	387.95	371.79	CALL
CSMUZ25MF-2.5	LSZH Cable, DB25 Male/Female, 2.5ft (0.8m)	38.86	37.30	35.75	CALL
CSMUZ25MF-5	LSZH Cable, DB25 Male/Female, 5.0ft (1.5m)	46.63	44.76	42.90	CALL
CSMUZ25MF-15	LSZH Cable, DB25 Male/Female, 15.0ft (4.6m)	77.72	74.61	71.50	CALL
CSMUZ25MF-50	LSZH Cable, DB25 Male/Female, 50.0ft (15.2m)	170.97	164.13	157.30	CALL
CSMUZ25MF-125	LSZH Cable, DB25 Male/Female, 125.0ft (38.1m)	404.12	387.95	371.79	CALL

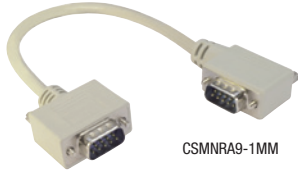
More lengths available. Go to L-com.com

Standard or Hi-Density D-Sub configurations

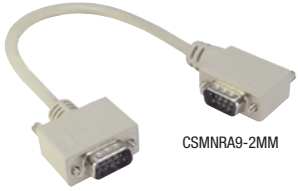
Online Video

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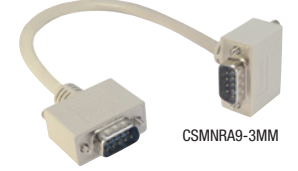




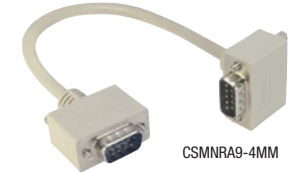
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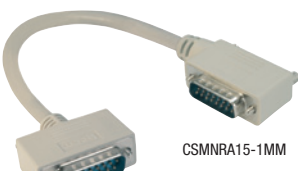
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CSMNR9A-3MM



CSMNR9A-4MM



CSMNR9A-3MM-1



CSMNR9A-4MM-1



CSMNR9A-3MM-2



CSMNR9A-4MM-2



CSMNR9A-3MM-3

Tip Defining 90 degree angled D-Sub cable assemblies

Angled connector hoods help connect D-Sub cables in tight places. L-com now offers four 90 degree angled options for each DB9, DB15 and DB25. The photos below detail the connector position relative to the cable entry direction.



Item #	Description	1-9	10-24	25-99	100+
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Deluxe D-Sub Right Angle Cables - 4 Options each for DB9, 15 and 25

L-com's CSMNRA series cables are perfect for tight fit and confined space D-Sub applications. These rugged cable assemblies feature a standard D-Sub connector on one end and right angle (4 options) D-Sub connector on the other. These right angle D-Sub cables are designed for use in enclosures, cabinets or other confined spaces where standard D-Sub connectors will not fit.

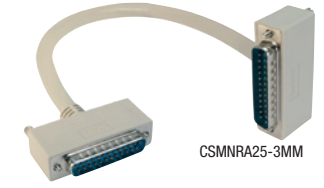
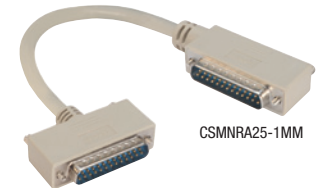
90° Angled Deluxe 9 Pin D-Sub Molded Male/Male Cables - 4 Exit Options

CSMNR9A-1MM-1	Deluxe Molded Cable, DB9 Male /Right Angle Exit 1 Male, 1.0ft (0.3m)	9.07	8.52	7.98	CALL
CSMNR9A-1MM-2.5	Deluxe Molded Cable, DB9 Male /Right Angle Exit 1 Male, 2.5ft (0.8m)	9.84	9.25	8.66	CALL
CSMNR9A-1MM-5	Deluxe Molded Cable, DB9 Male /Right Angle Exit 1 Male, 5.0ft (1.5m)	11.14	10.47	9.80	CALL
CSMNR9A-1MM-10	Deluxe Molded Cable, DB9 Male /Right Angle Exit 1 Male, 10.0ft (3.0m)	13.73	12.91	12.08	CALL
CSMNR9A-1MM-15	Deluxe Molded Cable, DB9 Male /Right Angle Exit 1 Male, 15.0ft (4.6m)	16.32	15.34	14.36	CALL
CSMNR9A-1MM-25	Deluxe Molded Cable, DB9 Male /Right Angle Exit 1 Male, 25.0ft (7.6m)	21.50	20.21	18.92	CALL
CSMNR9A-2MM-1	Deluxe Molded Cable, DB9 Male /Right Angle Exit 2 Male, 1.0ft (0.3m)	9.07	8.52	7.98	CALL
CSMNR9A-2MM-2.5	Deluxe Molded Cable, DB9 Male /Right Angle Exit 2 Male, 2.5ft (0.8m)	9.84	9.25	8.66	CALL
CSMNR9A-2MM-5	Deluxe Molded Cable, DB9 Male /Right Angle Exit 2 Male, 5.0ft (1.5m)	11.14	10.47	9.80	CALL
CSMNR9A-2MM-10	Deluxe Molded Cable, DB9 Male /Right Angle Exit 2 Male, 10.0ft (3.0m)	13.73	12.91	12.08	CALL
CSMNR9A-2MM-15	Deluxe Molded Cable, DB9 Male /Right Angle Exit 2 Male, 15.0ft (4.6m)	16.32	15.34	14.36	CALL
CSMNR9A-2MM-25	Deluxe Molded Cable, DB9 Male /Right Angle Exit 2 Male, 25.0ft (7.6m)	21.50	20.21	18.92	CALL
CSMNR9A-3MM-1	Deluxe Molded Cable, DB9 Male /Right Angle Exit 3 Male, 1.0ft (0.3m)	9.07	8.52	7.98	CALL
CSMNR9A-3MM-2.5	Deluxe Molded Cable, DB9 Male /Right Angle Exit 3 Male, 2.5ft (0.8m)	9.84	9.25	8.66	CALL
CSMNR9A-3MM-5	Deluxe Molded Cable, DB9 Male /Right Angle Exit 3 Male, 5.0ft (1.5m)	11.14	10.47	9.80	CALL
CSMNR9A-3MM-10	Deluxe Molded Cable, DB9 Male /Right Angle Exit 3 Male, 10.0ft (3.0m)	13.73	12.91	12.08	CALL
CSMNR9A-3MM-15	Deluxe Molded Cable, DB9 Male /Right Angle Exit 3 Male, 15.0ft (4.6m)	16.32	15.34	14.36	CALL
CSMNR9A-3MM-25	Deluxe Molded Cable, DB9 Male /Right Angle Exit 3 Male, 25.0ft (7.6m)	21.50	20.21	18.92	CALL
CSMNR9A-4MM-1	Deluxe Molded Cable, DB9 Male /Right Angle Exit 4 Male, 1.0ft (0.3m)	9.07	8.52	7.98	CALL
CSMNR9A-4MM-2.5	Deluxe Molded Cable, DB9 Male /Right Angle Exit 4 Male, 2.5ft (0.8m)	9.84	9.25	8.66	CALL
CSMNR9A-4MM-5	Deluxe Molded Cable, DB9 Male /Right Angle Exit 4 Male, 5.0ft (1.5m)	11.14	10.47	9.80	CALL
CSMNR9A-4MM-10	Deluxe Molded Cable, DB9 Male /Right Angle Exit 4 Male, 10.0ft (3.0m)	13.73	12.91	12.08	CALL
CSMNR9A-4MM-15	Deluxe Molded Cable, DB9 Male /Right Angle Exit 4 Male, 15.0ft (4.6m)	16.32	15.34	14.36	CALL
CSMNR9A-4MM-25	Deluxe Molded Cable, DB9 Male /Right Angle Exit 4 Male, 25.0ft (7.6m)	21.50	20.21	18.92	CALL

90° Angled Deluxe 15 Pin D-Sub Molded Male/Male Cables - 4 Exit Options

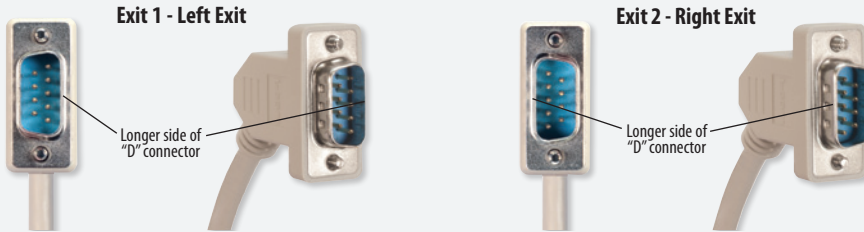
CSMNR15A-1MM-1	Deluxe Molded Cable, DB15 Male /Right Angle Exit 1 Male, 1.0ft (0.3m)	12.80	12.03	11.26	CALL
CSMNR15A-1MM-2.5	Deluxe Molded Cable, DB15 Male /Right Angle Exit 1 Male, 2.5ft (0.8m)	13.73	12.91	12.08	CALL
CSMNR15A-1MM-5	Deluxe Molded Cable, DB15 Male /Right Angle Exit 1 Male, 5.0ft (1.5m)	15.28	14.37	13.45	CALL
CSMNR15A-1MM-10	Deluxe Molded Cable, DB15 Male /Right Angle Exit 1 Male, 10.0ft (3.0m)	18.39	17.29	16.19	CALL
CSMNR15A-1MM-15	Deluxe Molded Cable, DB15 Male /Right Angle Exit 1 Male, 15.0ft (4.6m)	21.50	20.21	18.92	CALL
CSMNR15A-1MM-25	Deluxe Molded Cable, DB15 Male /Right Angle Exit 1 Male, 25.0ft (7.6m)	27.72	26.06	24.39	CALL
CSMNR15A-2MM-1	Deluxe Molded Cable, DB15 Male /Right Angle Exit 2 Male, 1.0ft (0.3m)	12.80	12.03	11.26	CALL
CSMNR15A-2MM-2.5	Deluxe Molded Cable, DB15 Male /Right Angle Exit 2 Male, 2.5ft (0.8m)	13.73	12.91	12.08	CALL
CSMNR15A-2MM-5	Deluxe Molded Cable, DB15 Male /Right Angle Exit 2 Male, 5.0ft (1.5m)	15.28	14.37	13.45	CALL
CSMNR15A-2MM-10	Deluxe Molded Cable, DB15 Male /Right Angle Exit 2 Male, 10.0ft (3.0m)	18.39	17.29	16.19	CALL
CSMNR15A-2MM-15	Deluxe Molded Cable, DB15 Male /Right Angle Exit 2 Male, 15.0ft (4.6m)	21.50	20.21	18.92	CALL
CSMNR15A-2MM-25	Deluxe Molded Cable, DB15 Male /Right Angle Exit 2 Male, 25.0ft (7.6m)	27.72	26.06	24.39	CALL
CSMNR15A-3MM-1	Deluxe Molded Cable, DB15 Male /Right Angle Exit 3 Male, 1.0ft (0.3m)	12.80	12.03	11.26	CALL
CSMNR15A-3MM-2.5	Deluxe Molded Cable, DB15 Male /Right Angle Exit 3 Male, 2.5ft (0.8m)	13.73	12.91	12.08	CALL
CSMNR15A-3MM-5	Deluxe Molded Cable, DB15 Male /Right Angle Exit 3 Male, 5.0ft (1.5m)	15.28	14.37	13.45	CALL
CSMNR15A-3MM-10	Deluxe Molded Cable, DB15 Male /Right Angle Exit 3 Male, 10.0ft (3.0m)	18.39	17.29	16.19	CALL
CSMNR15A-3MM-15	Deluxe Molded Cable, DB15 Male /Right Angle Exit 3 Male, 15.0ft (4.6m)	21.50	20.21	18.92	CALL
CSMNR15A-3MM-25	Deluxe Molded Cable, DB15 Male /Right Angle Exit 3 Male, 25.0ft (7.6m)	27.72	26.06	24.39	CALL
CSMNR15A-4MM-1	Deluxe Molded Cable, DB15 Male /Right Angle Exit 4 Male, 1.0ft (0.3m)	12.80	12.03	11.26	CALL
CSMNR15A-4MM-2.5	Deluxe Molded Cable, DB15 Male /Right Angle Exit 4 Male, 2.5ft (0.8m)	13.73	12.91	12.08	CALL
CSMNR15A-4MM-5	Deluxe Molded Cable, DB15 Male /Right Angle Exit 4 Male, 5.0ft (1.5m)	15.28	14.37	13.45	CALL
CSMNR15A-4MM-10	Deluxe Molded Cable, DB15 Male /Right Angle Exit 4 Male, 10.0ft (3.0m)	18.39	17.29	16.19	CALL
CSMNR15A-4MM-15	Deluxe Molded Cable, DB15 Male /Right Angle Exit 4 Male, 15.0ft (4.6m)	21.50	20.21	18.92	CALL
CSMNR15A-4MM-25	Deluxe Molded Cable, DB15 Male /Right Angle Exit 4 Male, 25.0ft (7.6m)	27.72	26.06	24.39	CALL

Item #	Description	1-9	10-24	25-99	100+
90° Angled Deluxe 25 Pin D-Sub Molded Male/Male Cables - 4 Exit Options					
CSMNR25-1MM-1	Deluxe Molded Cable, DB25 Male/Right Angle Exit 1 Male, 1.0ft (0.3m)	13.00	12.22	11.44	CALL
CSMNR25-1MM-2.5	Deluxe Molded Cable, DB25 Male/Right Angle Exit 1 Male, 2.5ft (0.8m)	14.25	13.39	12.54	CALL
CSMNR25-1MM-5	Deluxe Molded Cable, DB25 Male/Right Angle Exit 1 Male, 5.0ft (1.5m)	16.32	15.34	14.36	CALL
CSMNR25-1MM-10	Deluxe Molded Cable, DB25 Male/Right Angle Exit 1 Male, 10.0ft (3.0m)	20.46	19.24	18.01	CALL
CSMNR25-1MM-15	Deluxe Molded Cable, DB25 Male/Right Angle Exit 1 Male, 15.0ft (4.6m)	24.61	23.13	21.66	CALL
CSMNR25-1MM-25	Deluxe Molded Cable, DB25 Male/Right Angle Exit 1 Male, 25.0ft (7.6m)	32.90	30.93	28.95	CALL
CSMNR25-2MM-1	Deluxe Molded Cable, DB25 Male/Right Angle Exit 2 Male, 1.0ft (0.3m)	13.00	12.22	11.44	CALL
CSMNR25-2MM-2.5	Deluxe Molded Cable, DB25 Male/Right Angle Exit 2 Male, 2.5ft (0.8m)	14.25	13.39	12.54	CALL
CSMNR25-2MM-5	Deluxe Molded Cable, DB25 Male/Right Angle Exit 2 Male, 5.0ft (1.5m)	16.32	15.34	14.36	CALL
CSMNR25-2MM-10	Deluxe Molded Cable, DB25 Male/Right Angle Exit 2 Male, 10.0ft (3.0m)	20.46	19.24	18.01	CALL
CSMNR25-2MM-15	Deluxe Molded Cable, DB25 Male/Right Angle Exit 2 Male, 15.0ft (4.6m)	24.61	23.13	21.66	CALL
CSMNR25-2MM-25	Deluxe Molded Cable, DB25 Male/Right Angle Exit 2 Male, 25.0ft (7.6m)	32.90	30.93	28.95	CALL
CSMNR25-3MM-1	Deluxe Molded Cable, DB25 Male/Right Angle Exit 3 Male, 1.0ft (0.3m)	13.00	12.22	11.44	CALL
CSMNR25-3MM-2.5	Deluxe Molded Cable, DB25 Male/Right Angle Exit 3 Male, 2.5ft (0.8m)	14.25	13.39	12.54	CALL
CSMNR25-3MM-5	Deluxe Molded Cable, DB25 Male/Right Angle Exit 3 Male, 5.0ft (1.5m)	16.32	15.34	14.36	CALL
CSMNR25-3MM-10	Deluxe Molded Cable, DB25 Male/Right Angle Exit 3 Male, 10.0ft (3.0m)	20.46	19.24	18.01	CALL
CSMNR25-3MM-15	Deluxe Molded Cable, DB25 Male/Right Angle Exit 3 Male, 15.0ft (4.6m)	24.61	23.13	21.66	CALL
CSMNR25-3MM-25	Deluxe Molded Cable, DB25 Male/Right Angle Exit 3 Male, 25.0ft (7.6m)	32.90	30.93	28.95	CALL
CSMNR25-4MM-1	Deluxe Molded Cable, DB25 Male/Right Angle Exit 4 Male, 1.0ft (0.3m)	13.00	12.22	11.44	CALL
CSMNR25-4MM-2.5	Deluxe Molded Cable, DB25 Male/Right Angle Exit 4 Male, 2.5ft (0.8m)	14.25	13.39	12.54	CALL
CSMNR25-4MM-5	Deluxe Molded Cable, DB25 Male/Right Angle Exit 4 Male, 5.0ft (1.5m)	16.32	15.34	14.36	CALL
CSMNR25-4MM-10	Deluxe Molded Cable, DB25 Male/Right Angle Exit 4 Male, 10.0ft (3.0m)	20.46	19.24	18.01	CALL
CSMNR25-4MM-15	Deluxe Molded Cable, DB25 Male/Right Angle Exit 4 Male, 15.0ft (4.6m)	24.61	23.13	21.66	CALL
CSMNR25-4MM-25	Deluxe Molded Cable, DB25 Male/Right Angle Exit 4 Male, 25.0ft (7.6m)	32.90	30.93	28.95	CALL



Tip Defining 45 degree angled D-Sub cable assemblies

L-com has added 45 degree angle options for DB9, DB15 and DB25 cable assemblies. The photos below detail the connector position relative to the cable entry direction.



45° Angled Deluxe 9 Pin D-Sub Molded Male/Male Cables - 2 Exit Options

CSMN459-1MM-1	Deluxe Molded Cable, DB9 Male/45° Exit 1 Male, 1.0ft (0.3m)	9.07	8.52	7.98	CALL
CSMN459-1MM-2.5	Deluxe Molded Cable, DB9 Male/45° Exit 1 Male, 2.5ft (0.8m)	9.84	9.25	8.66	CALL
CSMN459-1MM-5	Deluxe Molded Cable, DB9 Male/45° Exit 1 Male, 5.0ft (1.5m)	11.14	10.47	9.80	CALL
CSMN459-1MM-10	Deluxe Molded Cable, DB9 Male/45° Exit 1 Male, 10.0ft (3.0m)	13.73	12.91	12.08	CALL
CSMN459-1MM-15	Deluxe Molded Cable, DB9 Male/45° Exit 1 Male, 15.0ft (4.6m)	16.32	15.34	14.36	CALL
CSMN459-1MM-25	Deluxe Molded Cable, DB9 Male/45° Exit 1 Male, 25.0ft (7.6m)	21.50	20.21	18.92	CALL
CSMN459-2MM-1	Deluxe Molded Cable, DB9 Male/45° Exit 2 Male, 1.0ft (0.3m)	9.07	8.52	7.98	CALL
CSMN459-2MM-2.5	Deluxe Molded Cable, DB9 Male/45° Exit 2 Male, 2.5ft (0.8m)	9.84	9.25	8.66	CALL
CSMN459-2MM-5	Deluxe Molded Cable, DB9 Male/45° Exit 2 Male, 5.0ft (1.5m)	11.14	10.47	9.80	CALL
CSMN459-2MM-10	Deluxe Molded Cable, DB9 Male/45° Exit 2 Male, 10.0ft (3.0m)	13.73	12.91	12.08	CALL
CSMN459-2MM-15	Deluxe Molded Cable, DB9 Male/45° Exit 2 Male, 15.0ft (4.6m)	16.32	15.34	14.36	CALL
CSMN459-2MM-25	Deluxe Molded Cable, DB9 Male/45° Exit 2 Male, 25.0ft (7.6m)	21.50	20.21	18.92	CALL

45° Angled Deluxe 15 Pin D-Sub Molded Male/Male Cables - 2 Exit Options

CSMN4515-1MM-1	Deluxe Molded Cable, DB15 Male/45° Exit 1 Male, 1.0ft (0.3m)	12.80	12.03	11.26	CALL
CSMN4515-1MM-2.5	Deluxe Molded Cable, DB15 Male/45° Exit 1 Male, 2.5ft (0.8m)	12.80	12.03	11.26	CALL
CSMN4515-1MM-5	Deluxe Molded Cable, DB15 Male/45° Exit 1 Male, 5.0ft (1.5m)	15.28	14.37	13.45	CALL
CSMN4515-1MM-10	Deluxe Molded Cable, DB15 Male/45° Exit 1 Male, 10.0ft (3.0m)	18.39	17.29	16.19	CALL
CSMN4515-1MM-15	Deluxe Molded Cable, DB15 Male/45° Exit 1 Male, 15.0ft (4.6m)	21.50	20.21	18.92	CALL
CSMN4515-1MM-25	Deluxe Molded Cable, DB15 Male/45° Exit 1 Male, 25.0ft (7.6m)	27.72	26.06	24.39	CALL
CSMN4515-2MM-1	Deluxe Molded Cable, DB15 Male/45° Exit 2 Male, 1.0ft (0.3m)	12.80	12.03	11.26	CALL
CSMN4515-2MM-2.5	Deluxe Molded Cable, DB15 Male/45° Exit 2 Male, 2.5ft (0.8m)	13.73	12.91	12.08	CALL
CSMN4515-2MM-5	Deluxe Molded Cable, DB15 Male/45° Exit 2 Male, 5.0ft (1.5m)	15.28	14.37	13.45	CALL
CSMN4515-2MM-10	Deluxe Molded Cable, DB15 Male/45° Exit 2 Male, 10.0ft (3.0m)	18.39	17.29	16.19	CALL
CSMN4515-2MM-15	Deluxe Molded Cable, DB15 Male/45° Exit 2 Male, 15.0ft (4.6m)	21.50	20.21	18.92	CALL
CSMN4515-2MM-25	Deluxe Molded Cable, DB15 Male/45° Exit 2 Male, 25.0ft (7.6m)	27.72	26.06	24.39	CALL

45° Angled Deluxe 25 Pin D-Sub Molded Male/Male Cables - 2 Exit Options

CSMN4525-1MM-1	Deluxe Molded Cable, DB25 Male/45° Exit 1 Male, 1.0ft (0.3m)	13.00	12.22	11.44	CALL
CSMN4525-1MM-2.5	Deluxe Molded Cable, DB25 Male/45° Exit 1 Male, 2.5ft (0.8m)	14.25	13.39	12.54	CALL
CSMN4525-1MM-5	Deluxe Molded Cable, DB25 Male/45° Exit 1 Male, 5.0ft (1.5m)	16.32	15.34	14.36	CALL
CSMN4525-1MM-10	Deluxe Molded Cable, DB25 Male/45° Exit 1 Male, 10.0ft (3.0m)	20.46	19.24	18.01	CALL
CSMN4525-1MM-15	Deluxe Molded Cable, DB25 Male/45° Exit 1 Male, 15.0ft (4.6m)	24.61	23.13	21.66	CALL
CSMN4525-1MM-25	Deluxe Molded Cable, DB25 Male/45° Exit 1 Male, 25.0ft (7.6m)	32.90	30.93	28.95	CALL
CSMN4525-2MM-1	Deluxe Molded Cable, DB25 Male/45° Exit 2 Male, 1.0ft (0.3m)	13.00	12.22	11.44	CALL
CSMN4525-2MM-2.5	Deluxe Molded Cable, DB25 Male/45° Exit 2 Male, 2.5ft (0.8m)	14.25	13.39	12.54	CALL
CSMN4525-2MM-5	Deluxe Molded Cable, DB25 Male/45° Exit 2 Male, 5.0ft (1.5m)	16.32	15.34	14.36	CALL
CSMN4525-2MM-10	Deluxe Molded Cable, DB25 Male/45° Exit 2 Male, 10.0ft (3.0m)	20.46	19.24	18.01	CALL
CSMN4525-2MM-15	Deluxe Molded Cable, DB25 Male/45° Exit 2 Male, 15.0ft (4.6m)	24.61	23.13	21.66	CALL
CSMN4525-2MM-25	Deluxe Molded Cable, DB25 Male/45° Exit 2 Male, 25.0ft (7.6m)	32.90	30.93	28.95	CALL



CSMT9MF



CSMT15MM



CSMT25MF



CSPL9MM



CSPL15MF



CSPL25MM

Item #	Description	1-9	10-24	25-99	100+
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Metal Armored Cables - Double Shielded with Additional Outer Metal Shield

These unique cables feature a stainless steel crush resistant jacket over our premium D-Sub braid & foil shielded cable to provide protection in applications where standard cables would be damaged due to excessive force. A custom steel internal enclosure under the backshell mold provides further strength. Crush resistance is 1500 PSI (Pounds per Square Inch).

D-Sub Metal Armor Product Grid. All families are available in lengths of 2.5, 5, 10, 15, 25 and 50 feet. Go to L-com.com.

	DB9	DB15	DB25	
MALE / MALE	CSMT9MM	CSMT15MM	CSMT25MM	
MALE / FEMALE	CSMT9MF	CSMT15MF	CSMT25MF	

Metal Armored DB9 Male/Male or Male/Female Cables - Double Shielded with Added Outer Metal Shield

CSMT9MM-2.5	Metal Armored Cable, DB9 Male/Male, 2.5ft (0.8m)	23.57	22.16	20.74	CALL
CSMT9MM-10	Metal Armored Cable, DB9 Male/Male, 10.0ft (3.0m)	35.23	33.12	31.00	CALL
CSMT9MM-25	Metal Armored Cable, DB9 Male/Male, 25ft (7.6m)	58.55	55.03	51.52	CALL
CSMT9MF-5	Metal Armored Cable, DB9 Male/Female, 5.0ft (1.5m)	27.46	25.81	24.16	CALL
CSMT9MF-15	Metal Armored Cable, DB9 Male/Female, 15ft (4.6m)	43.00	40.42	37.84	CALL
CSMT9MF-50	Metal Armored Cable, DB9 Male/Female, 50ft (15.2m)	97.40	91.56	85.71	CALL

Metal Armored DB15 Male/Male or Male/Female Cables - Double Shielded with Added Outer Metal Shield

CSMT15MM-2.5	Metal Armored Cable, DB15 Male/Male, 2.5ft (0.8m)	27.46	25.81	24.16	CALL
CSMT15MM-10	Metal Armored Cable, DB15 Male/Male, 10.0ft (3.0m)	41.45	38.96	36.47	CALL
CSMT15MM-25	Metal Armored Cable, DB15 Male/Male, 25ft (7.6m)	69.43	65.26	61.09	CALL
CSMT15MF-5	Metal Armored Cable, DB15 Male/Female, 5.0ft (1.5m)	32.12	30.19	28.27	CALL
CSMT15MF-15	Metal Armored Cable, DB15 Male/Female, 15ft (4.6m)	50.77	47.73	44.68	CALL
CSMT15MF-50	Metal Armored Cable, DB15 Male/Female, 50ft (15.2m)	116.05	109.09	102.13	CALL

Metal Armored DB25 Male/Male or Male/Female Cables - Double Shielded with Added Outer Metal Shield

CSMT25MM-2.5	Metal Armored Cable, DB25 Male/Male, 2.5ft (0.8m)	31.60	29.71	27.81	CALL
CSMT25MM-10	Metal Armored Cable, DB25 Male/Male, 10.0ft (3.0m)	48.70	45.78	42.86	CALL
CSMT25MM-25	Metal Armored Cable, DB25 Male/Male, 25ft (7.6m)	82.90	77.92	72.95	CALL
CSMT25MF-5	Metal Armored Cable, DB25 Male/Female, 5.0ft (1.5m)	37.30	35.07	32.83	CALL
CSMT25MF-15	Metal Armored Cable, DB25 Male/Female, 15ft (4.6m)	60.10	56.49	52.89	CALL
CSMT25MF-50	Metal Armored Cable, DB25 Male/Female, 50ft (15.2m)	139.89	131.49	123.10	CALL

Plastic Armored Cables - Double Shielded with Additional Outer Plastic Shield

These unique cables feature a plastic crush resistant jacket over our premium D-sub braid & foil shielded cable to provide protection in applications where standard cables would be damaged due to excessive force. A custom steel internal enclosure under the backshell mold provides further strength. Crush resistance is 800 PSI (Pounds per Square Inch).

D-Sub Plastic Armor Product Grid. All families are available in lengths of 2.5, 5, 10, 15, 25 and 50 feet. Go to L-com.com.

	DB9	DB15	DB25	
MALE / MALE	CSPL9MM	CSPL15MM	CSPL25MM	
MALE / FEMALE	CSPL9MF	CSPL15MF	CSPL25MF	

Plastic Armored DB9 Male/Male or Male/Female Cables - Double Shielded with Added Outer Plastic Shield

CSPL9MM-2.5	Plastic Armored Cable, DB9 Male/Male, 2.5ft (0.8m)	21.50	20.21	18.92	CALL
CSPL9MM-10	Plastic Armored Cable, DB9 Male/Male, 10.0ft (3.0m)	30.05	28.25	26.44	CALL
CSPL9MM-25	Plastic Armored Cable, DB9 Male/Male, 25ft (7.6m)	47.15	44.32	41.49	CALL
CSPL9MF-5	Plastic Armored Cable, DB9 Male/Female, 5.0ft (1.5m)	24.35	22.89	21.43	CALL
CSPL9MF-15	Plastic Armored Cable, DB9 Male/Female, 15ft (4.6m)	35.75	33.60	31.46	CALL
CSPL9MF-50	Plastic Armored Cable, DB9 Male/Female, 50ft (15.2m)	75.64	71.10	66.57	CALL

Plastic Armored DB15 Male/Male or Male/Female Cables - Double Shielded with Added Outer Plastic Shield

CSPL15MM-2.5	Plastic Armored Cable, DB15 Male/Male, 2.5ft (0.8m)	22.80	21.43	20.06	CALL
CSPL15MM-10	Plastic Armored Cable, DB15 Male/Male, 10.0ft (3.0m)	32.12	30.19	28.27	CALL
CSPL15MM-25	Plastic Armored Cable, DB15 Male/Male, 25ft (7.6m)	50.77	47.73	44.68	CALL
CSPL15MF-5	Plastic Armored Cable, DB15 Male/Female, 5.0ft (1.5m)	25.91	24.35	22.80	CALL
CSPL15MF-15	Plastic Armored Cable, DB15 Male/Female, 15ft (4.6m)	38.34	36.04	33.74	CALL
CSPL15MF-50	Plastic Armored Cable, DB15 Male/Female, 50ft (15.2m)	81.86	76.95	72.04	CALL

Plastic Armored DB25 Male/Male or Male/Female Cables - Double Shielded with Added Outer Plastic Shield

CSPL25MM-2.5	Plastic Armored Cable, DB25 Male/Male, 2.5ft (0.8m)	25.65	24.11	22.57	CALL
CSPL25MM-10	Plastic Armored Cable, DB25 Male/Male, 10.0ft (3.0m)	37.30	35.07	32.83	CALL
CSPL25MM-25	Plastic Armored Cable, DB25 Male/Male, 25ft (7.6m)	60.62	56.98	53.34	CALL
CSPL25MF-5	Plastic Armored Cable, DB25 Male/Female, 5.0ft (1.5m)	29.53	27.76	25.99	CALL
CSPL25MF-15	Plastic Armored Cable, DB25 Male/Female, 15ft (4.6m)	45.07	42.37	39.67	CALL
CSPL25MF-50	Plastic Armored Cable, DB25 Male/Female, 50ft (15.2m)	99.48	93.51	87.54	CALL

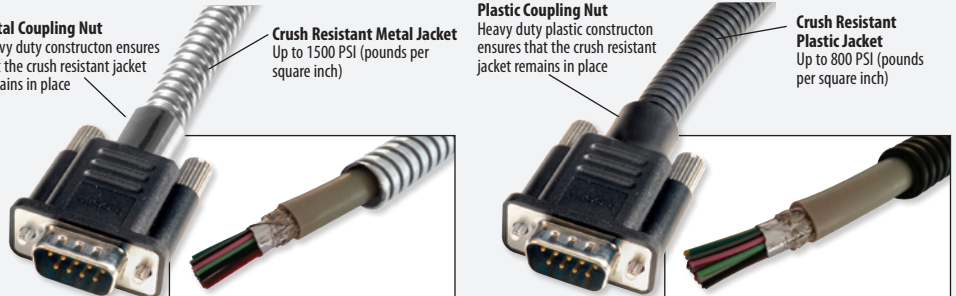
Tip D-Subminiature armored cables explained

Metal Coupling Nut
Heavy duty construction ensures that the crush resistant jacket remains in place

Crush Resistant Metal Jacket
Up to 1500 PSI (pounds per square inch)

Plastic Coupling Nut
Heavy duty plastic construction ensures that the crush resistant jacket remains in place

Crush Resistant Plastic Jacket
Up to 800 PSI (pounds per square inch)



Uses our Premium bulk cable including PVC cable jacket and braid/foil shield under the armor.

Item #	Description	1-9	10-24	25-99	100+
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Data Cables -With Reversible Hardware to Mate Any Serial Cables or Mount on Panels

L-com is proud to offer an **exclusive family** of D-Sub data cables featuring user defined mounting hardware. Each cable end is capable of being connected with either male jack screws or female hex standoffs regardless of D-Sub gender. This capability allows a user much more flexibility to interface ports with opposite gender hardware. A by-product feature is to use the same cable with the male or female connector end mounted on a panel. No other standard off-the-shelf cable has this capability. The secret is in the kit of four custom hex standoffs that are included with each cable assembly. The specially made cable readily accepts these hex standoffs mounting on panels no thicker than 0.062" (0.2cm).

Reversing Hardware 9 Pin D-Sub Cables - Shielded and Fully Populated

CRMN9MM-2.5	Reversible Hardware Molded Cable, DB9 Male/Male, 2.5ft (0.8m)	15.28	14.67	14.06	CALL
CRMN9MM-5	Reversible Hardware Molded Cable, DB9 Male/Male, 5.0ft (1.5m)	16.32	15.67	15.01	CALL
CRMN9MM-10	Reversible Hardware Molded Cable, DB9 Male/Male, 10.0ft (3.0m)	18.13	17.41	16.68	CALL
CRMN9MM-15	Reversible Hardware Molded Cable, DB9 Male/Male, 15.0ft (4.6m)	19.95	19.15	18.35	CALL
CRMN9MM-25	Reversible Hardware Molded Cable, DB9 Male/Male, 25.0ft (7.6m)	23.57	22.63	21.69	CALL
CRMN9MF-2.5	Reversible Hardware Molded Cable, DB9 Male/Female, 2.5ft (0.8m)	15.28	14.67	14.06	CALL
CRMN9MF-5	Reversible Hardware Molded Cable, DB9 Male/Female, 5.0ft (1.5m)	16.32	15.67	15.01	CALL
CRMN9MF-10	Reversible Hardware Molded Cable, DB9 Male/Female, 10.0ft (3.0m)	18.13	17.41	16.68	CALL
CRMN9MF-15	Reversible Hardware Molded Cable, DB9 Male/Female, 15.0ft (4.6m)	19.95	19.15	18.35	CALL
CRMN9MF-25	Reversible Hardware Molded Cable, DB9 Male/Female, 25.0ft (7.6m)	23.57	22.63	21.69	CALL
CRMN9FF-2.5	Reversible Hardware Molded Cable, DB9 Female/Female, 2.5ft (0.8m)	15.28	14.67	14.06	CALL
CRMN9FF-5	Reversible Hardware Molded Cable, DB9 Female/Female, 5.0ft (1.5m)	16.32	15.67	15.01	CALL
CRMN9FF-10	Reversible Hardware Molded Cable, DB9 Female/Female, 10.0ft (3.0m)	18.13	17.41	16.68	CALL
CRMN9FF-15	Reversible Hardware Molded Cable, DB9 Female/Female, 15.0ft (4.6m)	19.95	19.15	18.35	CALL
CRMN9FF-25	Reversible Hardware Molded Cable, DB9 Female/Female, 25.0ft (7.6m)	23.57	22.63	21.69	CALL

Reversing Hardware 15 Pin D-Sub Cables - Shielded and Fully Populated

CRMN15MM-2.5	Reversible Hardware Molded Cable, DB15 Male/Male, 2.5ft (0.8m)	19.58	18.02	16.45	CALL
CRMN15MM-5	Reversible Hardware Molded Cable, DB15 Male/Male, 5.0ft (1.5m)	20.98	19.30	17.63	CALL
CRMN15MM-10	Reversible Hardware Molded Cable, DB15 Male/Male, 10.0ft (3.0m)	23.42	21.54	19.67	CALL
CRMN15MM-15	Reversible Hardware Molded Cable, DB15 Male/Male, 15.0ft (4.6m)	25.85	23.78	21.72	CALL
CRMN15MF-2.5	Reversible Hardware Molded Cable, DB15 Male/Female, 2.5ft (0.8m)	19.58	18.02	16.45	CALL
CRMN15MF-5	Reversible Hardware Molded Cable, DB15 Male/Female, 5.0ft (1.5m)	20.98	19.30	17.63	CALL
CRMN15MF-10	Reversible Hardware Molded Cable, DB15 Male/Female, 10.0ft (3.0m)	23.42	21.54	19.67	CALL
CRMN15MF-15	Reversible Hardware Molded Cable, DB15 Male/Female, 15.0ft (4.6m)	25.85	23.78	21.72	CALL
CRMN15FF-2.5	Reversible Hardware Molded Cable, DB15 Female/Female, 2.5ft (0.8m)	19.58	18.02	16.45	CALL
CRMN15FF-5	Reversible Hardware Molded Cable, DB15 Female/Female, 5.0ft (1.5m)	20.98	19.30	17.63	CALL
CRMN15FF-10	Reversible Hardware Molded Cable, DB15 Female/Female, 10.0ft (3.0m)	23.42	21.54	19.67	CALL
CRMN15FF-15	Reversible Hardware Molded Cable, DB15 Female/Female, 15.0ft (4.6m)	25.85	23.78	21.72	CALL

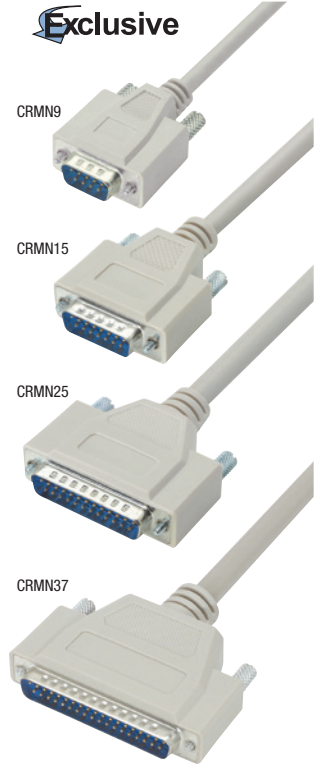
Reversing Hardware 25 Pin D-Sub Cables - Shielded and Fully Populated

CRMN25MM-2.5	Reversible Hardware Molded Cable, DB25 Male/Male, 2.5ft (0.8m)	22.28	21.39	20.50	CALL
CRMN25MM-5	Reversible Hardware Molded Cable, DB25 Male/Male, 5.0ft (1.5m)	24.09	23.13	22.16	CALL
CRMN25MM-10	Reversible Hardware Molded Cable, DB25 Male/Male, 10.0ft (3.0m)	27.46	26.36	25.26	CALL
CRMN25MM-15	Reversible Hardware Molded Cable, DB25 Male/Male, 15.0ft (4.6m)	30.83	29.59	28.36	CALL
CRMN25MM-25	Reversible Hardware Molded Cable, DB25 Male/Male, 25.0ft (7.6m)	37.56	36.06	34.56	CALL
CRMN25MF-2.5	Reversible Hardware Molded Cable, DB25 Male/Female, 2.5ft (0.8m)	22.28	21.39	20.50	CALL
CRMN25MF-5	Reversible Hardware Molded Cable, DB25 Male/Female, 5.0ft (1.5m)	24.09	23.13	22.16	CALL
CRMN25MF-10	Reversible Hardware Molded Cable, DB25 Male/Female, 10.0ft (3.0m)	27.46	26.36	25.26	CALL
CRMN25MF-15	Reversible Hardware Molded Cable, DB25 Male/Female, 15.0ft (4.6m)	30.83	29.59	28.36	CALL
CRMN25MF-25	Reversible Hardware Molded Cable, DB25 Male/Female, 25.0ft (7.6m)	37.56	36.06	34.56	CALL
CRMN25FF-2.5	Reversible Hardware Molded Cable, DB25 Female/Female, 2.5ft (0.8m)	22.28	21.39	20.50	CALL
CRMN25FF-5	Reversible Hardware Molded Cable, DB25 Female/Female, 5.0ft (1.5m)	24.09	23.13	22.16	CALL
CRMN25FF-10	Reversible Hardware Molded Cable, DB25 Female/Female, 10.0ft (3.0m)	27.46	26.36	25.26	CALL
CRMN25FF-15	Reversible Hardware Molded Cable, DB25 Female/Female, 15.0ft (4.6m)	30.83	29.59	28.36	CALL
CRMN25FF-25	Reversible Hardware Molded Cable, DB25 Female/Female, 25.0ft (7.6m)	37.56	36.06	34.56	CALL

Reversing Hardware 37 Pin D-Sub Cables - Shielded and Fully Populated

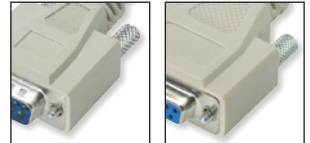
CRMN37MM-2.5	Reversible Hardware Molded Cable, DB37 Male/Male, 2.5ft (0.8m)	37.30	34.32	31.33	CALL
CRMN37MM-5	Reversible Hardware Molded Cable, DB37 Male/Male, 5.0ft (1.5m)	40.00	36.80	33.60	CALL
CRMN37MM-10	Reversible Hardware Molded Cable, DB37 Male/Male, 10.0ft (3.0m)	45.18	41.56	37.95	CALL
CRMN37MM-15	Reversible Hardware Molded Cable, DB37 Male/Male, 15.0ft (4.6m)	50.36	46.33	42.30	CALL
CRMN37MM-25	Reversible Hardware Molded Cable, DB37 Male/Male, 25.0ft (7.6m)	60.67	55.82	50.96	CALL
CRMN37MF-2.5	Reversible Hardware Molded Cable, DB37 Male/Female, 2.5ft (0.8m)	37.30	34.32	31.33	CALL
CRMN37MF-5	Reversible Hardware Molded Cable, DB37 Male/Female, 5.0ft (1.5m)	40.00	36.80	33.60	CALL
CRMN37MF-10	Reversible Hardware Molded Cable, DB37 Male/Female, 10.0ft (3.0m)	45.18	41.56	37.95	CALL
CRMN37MF-15	Reversible Hardware Molded Cable, DB37 Male/Female, 15.0ft (4.6m)	50.36	46.33	42.30	CALL
CRMN37MF-25	Reversible Hardware Molded Cable, DB37 Male/Female, 25.0ft (7.6m)	60.67	55.82	50.96	CALL
CRMN37FF-2.5	Reversible Hardware Molded Cable, DB37 Female/Female, 2.5ft (0.8m)	37.30	34.32	31.33	CALL
CRMN37FF-5	Reversible Hardware Molded Cable, DB37 Female/Female, 5.0ft (1.5m)	40.00	36.80	33.60	CALL
CRMN37FF-10	Reversible Hardware Molded Cable, DB37 Female/Female, 10.0ft (3.0m)	45.18	41.56	37.95	CALL
CRMN37FF-15	Reversible Hardware Molded Cable, DB37 Female/Female, 15.0ft (4.6m)	50.36	46.33	42.30	CALL
CRMN37FF-25	Reversible Hardware Molded Cable, DB37 Female/Female, 25.0ft (7.6m)	60.67	55.82	50.96	CALL

Exclusive



Comes complete with male and female 4-40 hardware plus instruction sheet.

STEP 1



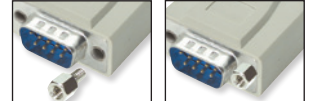
This cable is shipped with male knurled thumbscrews regardless of D-Sub gender.

STEP 2



If you need a female fastening system, simply unscrew the knurled thumbscrew.

STEP 3



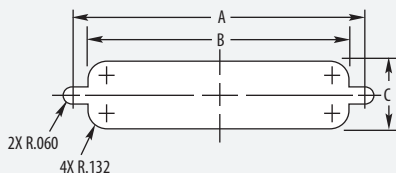
Then: install (thread) hex jack screws, provided.

STEP 4



To install your cable on a panel it should be no thicker than 0.062" (0.2cm). Simply follow step 2. Provide proper panel opening, install hex jack screw, and tighten.

Recommended panel openings for rear mounted D-Sub adapters

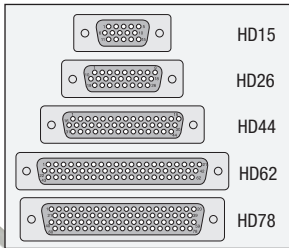


PANEL MOUNTING DIMENSIONS (shown in inches / cm)			
CONTACTS	DIM. A	DIM. B	DIM. C
DB9 or HD15	0.984 (2.5cm)	0.806 (2.0cm)	0.449 (1.1cm)
DB15 or HD26	1.312 (3.3cm)	1.134 (2.9cm)	0.449 (1.1cm)
DB25 or HD44	1.852 (4.7cm)	1.684 (4.3cm)	0.449 (1.1cm)
DB37 or HD62	2.500 (6.4cm)	2.326 (5.9cm)	0.449 (1.1cm)
DB50 or HD78	2.406 (6.1cm)	2.218 (5.6cm)	0.555 (1.4cm)

Standard or Hi-Density D-Sub configurations

Online Video

L-com.com/Videos/A13



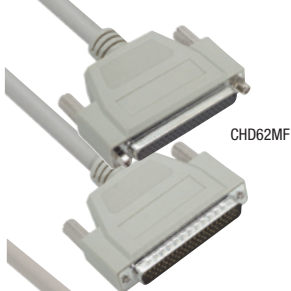
CHD15MF



CHD26MF



CHD44MF



CHD62MF



CHD78MF



TS-CSMN

More lengths available.
Go to L-com.com

Item #	Description	1-9	10-24	25-99	100+
Deluxe High-Density 15 Pin D-Sub Cables - Fully Populated and Completely Shielded					
High-density D-Sub connectors are used in a number of PC and network applications. This type of connector can usually be recognized because they have three rows of smaller pins versus the larger pins used in conventional D-Subs. Fully populated with stranded conductors and aluminum mylar shielding. Hex nuts on female connectors are removable to expose 4-40 thumbscrews.					
CHD15MM-2.5	Deluxe Molded Cable, HD15 Male/Male, 2.5ft (0.8m)	11.29	10.62	9.94	CALL
CHD15MM-5	Deluxe Molded Cable, HD15 Male/Male, 5.0ft (1.5m)	12.18	11.44	10.71	CALL
CHD15MM-7.5	Deluxe Molded Cable, HD15 Male/Male, 7.5ft (2.3m)	13.11	12.32	11.53	CALL
CHD15MM-10	Deluxe Molded Cable, HD15 Male/Male, 10.0ft (3.0m)	13.99	13.15	12.31	CALL
CHD15MM-15	Deluxe Molded Cable, HD15 Male/Male, 15.0ft (4.6m)	15.80	14.85	13.91	CALL
CHD15MM-25	Deluxe Molded Cable, HD15 Male/Male, 25.0ft (7.6m)	17.62	16.56	15.50	CALL
CHD15MF-2.5	Deluxe Molded Cable, HD15 Male/Female, 2.5ft (0.8m)	11.29	10.62	9.94	CALL
CHD15MF-5	Deluxe Molded Cable, HD15 Male/Female, 5.0ft (1.5m)	12.18	11.44	10.71	CALL
CHD15MF-7.5	Deluxe Molded Cable, HD15 Male/Female, 7.5ft (2.3m)	13.11	12.32	11.53	CALL
CHD15MF-10	Deluxe Molded Cable, HD15 Male/Female, 10.0ft (3.0m)	13.99	13.15	12.31	CALL
CHD15MF-15	Deluxe Molded Cable, HD15 Male/Female, 15.0ft (4.6m)	15.80	14.85	13.91	CALL
CHD15MF-25	Deluxe Molded Cable, HD15 Male/Female, 25.0ft (7.6m)	17.62	16.56	15.50	CALL

Note: Most monitor manufacturers recommend using premium grade VGA cables that utilize 75 Ohm coaxial lines.

Deluxe High-Density 26 Pin Molded Cables - Ready Made, Fully Populated for Many Applications

Fully molded data cables equipped with high-density D-Sub connectors. Fully populated with 26 AWG stranded conductors and aluminum mylar shielding. They are equipped with readily accessible thumbscrew type hold downs. Hex nuts on female connectors are removable to expose 4-40 thumbscrews.

CHD26MM-2.5	Deluxe Molded Cable, HD26 Male/Male, 2.5ft (0.8m)	27.87	26.20	24.53	CALL
CHD26MM-5	Deluxe Molded Cable, HD26 Male/Male, 5.0ft (1.5m)	29.95	28.15	26.35	CALL
CHD26MM-10	Deluxe Molded Cable, HD26 Male/Male, 10.0ft (3.0m)	34.14	32.09	30.05	CALL
CHD26MM-15	Deluxe Molded Cable, HD26 Male/Male, 15.0ft (4.6m)	38.34	36.04	33.74	CALL
CHD26MF-2.5	Deluxe Molded Cable, HD26 Male/Female, 2.5ft (0.8m)	27.87	26.20	24.53	CALL
CHD26MF-5	Deluxe Molded Cable, HD26 Male/Female, 5.0ft (1.5m)	29.95	28.15	26.35	CALL
CHD26MF-10	Deluxe Molded Cable, HD26 Male/Female, 10.0ft (3.0m)	34.14	32.09	30.05	CALL
CHD26MF-15	Deluxe Molded Cable, HD26 Male/Female, 15.0ft (4.6m)	38.34	36.04	33.74	CALL
CHD26MF-25	Deluxe Molded Cable, HD26 Male/Female, 25.0ft (7.6m)	46.73	43.93	41.12	CALL
CHD26MF-50	Deluxe Molded Cable, HD26 Male/Female, 50.0ft (15.2m)	67.72	63.65	59.59	CALL

Deluxe High-Density 44 Pin Molded Cables - Fully Populated and Shielded

Injection molded cable assemblies with HD44 terminations. Fully populated with 24 AWG stranded conductors and aluminum mylar and braided shielding. 4-40 metal thumbscrews molded into the strain relief. Hex nuts on female connectors are removable to expose 4-40 thumbscrews.

CHD44MM-2.5	Deluxe Molded Cable, HD44 Male/Male, 2.5ft (0.8m)	45.33	42.61	39.89	CALL
CHD44MM-5	Deluxe Molded Cable, HD44 Male/Male, 5.0ft (1.5m)	53.73	50.50	47.28	CALL
CHD44MM-10	Deluxe Molded Cable, HD44 Male/Male, 10.0ft (3.0m)	70.51	66.28	62.05	CALL
CHD44MM-15	Deluxe Molded Cable, HD44 Male/Male, 15.0ft (4.6m)	87.30	82.06	76.82	CALL
CHD44MM-25	Deluxe Molded Cable, HD44 Male/Male, 25.0ft (7.6m)	120.87	113.62	106.37	CALL
CHD44MM-50	Deluxe Molded Cable, HD44 Male/Male, 50.0ft (15.2m)	204.80	192.52	180.23	CALL
CHD44MF-2.5	Deluxe Molded Cable, HD44 Male/Female, 2.5ft (0.8m)	45.33	42.61	39.89	CALL
CHD44MF-5	Deluxe Molded Cable, HD44 Male/Female, 5.0ft (1.5m)	53.73	50.50	47.28	CALL
CHD44MF-10	Deluxe Molded Cable, HD44 Male/Female, 10.0ft (3.0m)	70.51	66.28	62.05	CALL
CHD44MF-15	Deluxe Molded Cable, HD44 Male/Female, 15.0ft (4.6m)	87.30	82.06	76.82	CALL
CHD44MF-25	Deluxe Molded Cable, HD44 Male/Female, 25.0ft (7.6m)	120.87	113.62	106.37	CALL
CHD44MF-50	Deluxe Molded Cable, HD44 Male/Female, 50.0ft (15.2m)	204.80	192.52	180.23	CALL

Deluxe High-Density 62 Pin Molded Cables - 31 Twisted Pairs and Full Shielding

Fully molded data cables with HD62 D-Sub connectors. Fully shielded with aluminum mylar shielding and fully populated with 28 AWG twisted pairs. Straight-thru pinning. Equipped with 4-40 thumbscrews. Hex nuts on female connectors are removable to expose 4-40 thumbscrews.

CHD62MM-2.5	Deluxe Molded Cable, HD62 Male/Male, 2.5ft (0.8m)	58.75	55.23	51.70	CALL
CHD62MM-5	Deluxe Molded Cable, HD62 Male/Male, 5.0ft (1.5m)	69.94	65.75	61.55	CALL
CHD62MM-10	Deluxe Molded Cable, HD62 Male/Male, 10.0ft (3.0m)	92.33	86.79	81.25	CALL
CHD62MM-15	Deluxe Molded Cable, HD62 Male/Male, 15.0ft (4.6m)	114.71	107.82	100.94	CALL
CHD62MM-25	Deluxe Molded Cable, HD62 Male/Male, 25.0ft (7.6m)	137.09	128.86	120.64	CALL
CHD62MF-2.5	Deluxe Molded Cable, HD62 Male/Female, 2.5ft (0.8m)	58.75	55.23	51.70	CALL
CHD62MF-5	Deluxe Molded Cable, HD62 Male/Female, 5.0ft (1.5m)	69.94	65.75	61.55	CALL
CHD62MF-10	Deluxe Molded Cable, HD62 Male/Female, 10.0ft (3.0m)	92.33	86.79	81.25	CALL
CHD62MF-15	Deluxe Molded Cable, HD62 Male/Female, 15.0ft (4.6m)	114.71	107.82	100.94	CALL
CHD62MF-25	Deluxe Molded Cable, HD62 Male/Female, 25.0ft (7.6m)	137.09	128.86	120.64	CALL
CHD62MF-50	Deluxe Molded Cable, HD62 Male/Female, 50.0ft (15.2m)	249.00	234.06	219.12	CALL

Deluxe High-Density 78 Pin Molded Cables - 39 Twisted Pairs and Double Shielded

Fully molded data cables equipped with HD78 D-Sub connectors. Fully shielded with aluminum mylar and braided shielding and fully populated with 28 AWG twisted pairs. Straight-thru pinning. Equipped with 4-40 thumbscrews. Hex nuts on female connectors are removable to expose 4-40 thumbscrews.

CHD78MM-2.5	Deluxe Molded Cable, HD78 Male/Male, 2.5ft (0.8m)	64.35	60.49	56.63	CALL
CHD78MM-5	Deluxe Molded Cable, HD78 Male/Male, 5.0ft (1.5m)	78.34	73.64	68.94	CALL
CHD78MM-10	Deluxe Molded Cable, HD78 Male/Male, 10.0ft (3.0m)	106.31	99.94	93.56	CALL
CHD78MM-25	Deluxe Molded Cable, HD78 Male/Male, 25.0ft (7.6m)	190.25	178.83	167.42	CALL
CHD78MM-50	Deluxe Molded Cable, HD78 Male/Male, 50.0ft (15.2m)	330.13	310.33	290.52	CALL
CHD78MF-2.5	Deluxe Molded Cable, HD78 Male/Female, 2.5ft (0.8m)	64.35	60.49	56.63	CALL
CHD78MF-5	Deluxe Molded Cable, HD78 Male/Female, 5.0ft (1.5m)	78.34	73.64	68.94	CALL
CHD78MF-10	Deluxe Molded Cable, HD78 Male/Female, 10.0ft (3.0m)	106.31	99.94	93.56	CALL
CHD78MF-25	Deluxe Molded Cable, HD78 Male/Female, 25.0ft (7.6m)	190.25	178.83	167.42	CALL
CHD78MF-50	Deluxe Molded Cable, HD78 Male/Female, 50.0ft (15.2m)	330.13	310.33	290.52	CALL

Replacement 4-40 Screws for CHD Series Assemblies - Sold in 10/Packs

TS-CSMN	Replacement Screws for CHD Series Assemblies, Pkg/10	4.92	4.63	4.33	CALL
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Item #	Description	1-9	10-24	25-99	100+
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Waterproof D-Sub Connectors and Backshells - IEC IP67 Rated

Harsh outdoor or indoor environments can destroy electronic equipment. Standard D-Sub connectors are not intended to withstand contaminants such as water and dust. By utilizing tough ABS housings, rubber gaskets and silicone insulating rings, these products achieve IEC IP67 ratings. Panel mounted D-Sub solder connectors are rear mounted and fit into standard D-Sub holes. Backshells conform to a variety of cable diameters by adjusting the sealing nut. L-com will manufacture cable assemblies using waterproof backshells with modest minimum requirements.

Waterproof D-Sub Panel Mount Solder Connectors

These solder cup connectors are available in male or female genders and DB9, DB15, DB25 and HD15 sizes. They will accommodate wire ranges from 30 - 20 AWG. Construction features gold plated brass contacts, nickel plated steel shells and a silicone insulating ring. Maximum recommended panel thickness is 0.078" (0.2cm).

WPSD9P	Waterproof Panel Mount Solder Cup D-Sub Connector, DB9M	14.97	14.07	13.18	CALL
WPSD9S	Waterproof Panel Mount Solder Cup D-Sub Connector, DB9F	14.97	14.07	13.18	CALL
WPSD15P	Waterproof Panel Mount Solder Cup D-Sub Connector, DB15M	17.15	16.12	15.09	CALL
WPSD15S	Waterproof Panel Mount Solder Cup D-Sub Connector, DB15F	17.15	16.12	15.09	CALL
WPSD25P	Waterproof Panel Mount Solder Cup D-Sub Connector, DB25M	19.33	18.17	17.01	CALL
WPSD25S	Waterproof Panel Mount Solder Cup D-Sub Connector, DB25F	19.33	18.17	17.01	CALL
WPSDH15P	Waterproof Panel Mount Solder Cup D-Sub Connector, HD15M	17.15	16.12	15.09	CALL
WPSDH15S	Waterproof Panel Mount Solder Cup D-Sub Connector, HD15F	17.15	16.12	15.09	CALL

Waterproof D-Sub Connector Covers

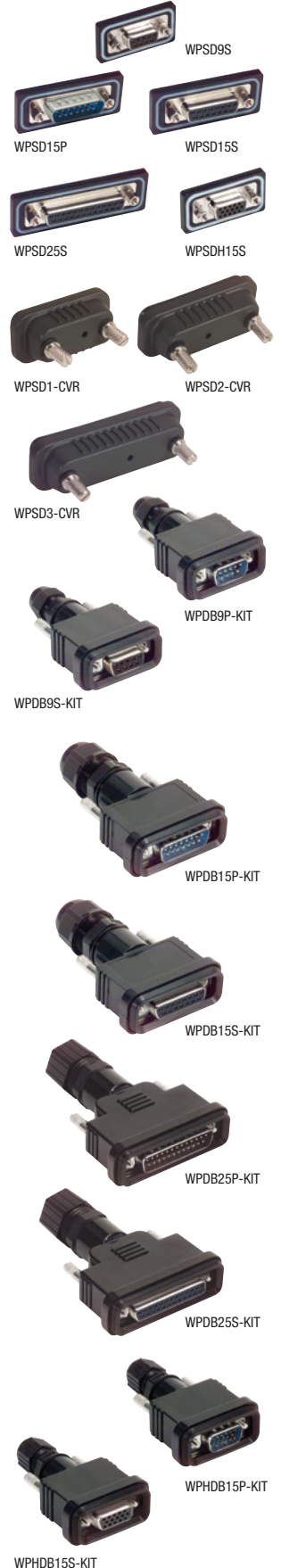
L-com's WPSD series of waterproof covers are perfect for protecting D-Subminiature connectors from contamination and moisture. Designed for harsh environments, these protective covers can be used with L-com's WPSD series waterproof D-Sub connectors to ensure IP67 rated protection. Several versions are available for the most common D-Sub connector styles including DB9 (HD15), DB15 and DB25.

WPSD1-CVR	Waterproof D-Sub Connector Cover, DB9 and HD15	7.41	6.96	6.52	CALL
WPSD2-CVR	Waterproof D-Sub Connector Cover, DB15	7.72	7.26	6.79	CALL
WPSD3-CVR	Waterproof D-Sub Connector Cover, DB25	7.98	7.50	7.02	CALL

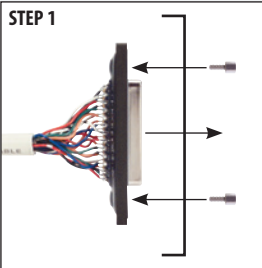
Waterproof D-Sub Backshell Kits

These backshell kits include solder cup connectors and are also available in male or female genders and DB9, DB15, DB25 and HD15 sizes. The connectors will accommodate wire ranges from 30 - 20 AWG. Backshell construction features ABS housings, nylon seals, nickel plated brass thumbscrews and rubber sealing gaskets to insure IEC IP67 rating.

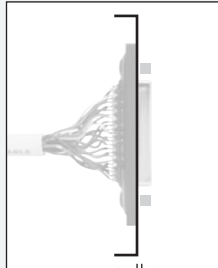
WPDB9P-KIT	Waterproof D-Sub Backshell Kit, DB9M	17.15	16.12	15.09	CALL
WPDB9S-KIT	Waterproof D-Sub Backshell Kit, DB9F	17.15	16.12	15.09	CALL
WPDB15P-KIT	Waterproof D-Sub Backshell Kit, DB15M	19.33	18.17	17.01	CALL
WPDB15S-KIT	Waterproof D-Sub Backshell Kit, DB15F	19.33	18.17	17.01	CALL
WPDB25P-KIT	Waterproof D-Sub Backshell Kit, DB25M	22.59	21.23	19.88	CALL
WPDB25S-KIT	Waterproof D-Sub Backshell Kit, DB25F	22.59	21.23	19.88	CALL
WPHDB15P-KIT	Waterproof D-Sub Backshell Kit, HD15M	14.97	13.78	12.58	CALL
WPHDB15S-KIT	Waterproof D-Sub Backshell Kit, HD15F	14.97	13.78	12.58	CALL



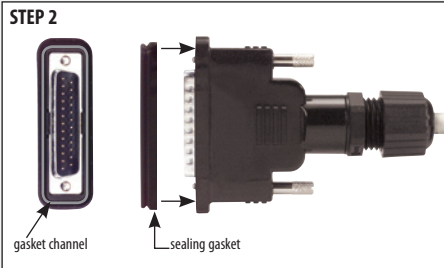
Tip How to apply panel mount waterproof D-Sub products



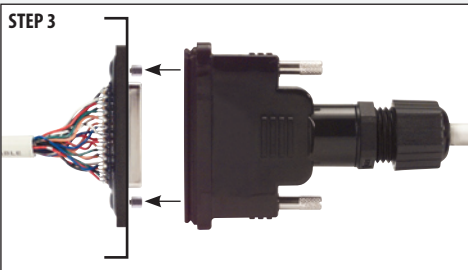
Mount D-Sub connector from inside of panel or enclosure using hex jack screws provided.



Maximum panel thickness is 0.078"



Apply sealing gasket (supplied with backshell kit) in backshell channel around perimeter of D-Sub connector.



Mate connectors and secure backshell thumbscrews to threaded jack screws.



Tip *How are Slim-Line adapters used?*

Gender Changers:

Allow two same gender connectors to mate. Very handy to have on hand to solve problems in the field or lab. **See detail 1.**

Can also be used as pass through connectors for panel mounting. **See detail 3.**

Socket Savers:

Extend the life of more expensive D-Sub connectors on PCBs and cable assemblies that are subject to frequent mating and unmating. **See detail 2.**

Can also be used as pass through connectors for panel mounting.

Null Modem, Reverser and Custom Wired Adapters:

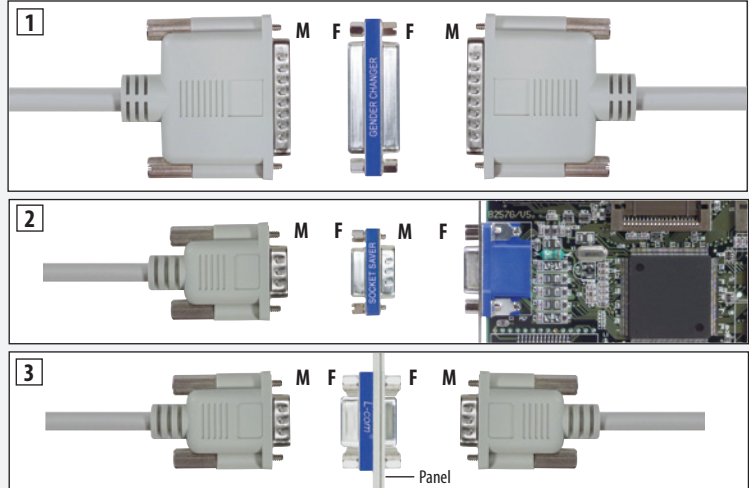
Convert existing straight wired cables to the desired wiring scheme.

Can also be used for panel mounting.

Online Video

L-com.com/Videos/A24

Slim-Line adapters are used in a variety of applications, as illustrated here. Due to their low profile, they help reduce leverage strain on overstressed interface ports. (F = Female Connector, M = Male Connector)

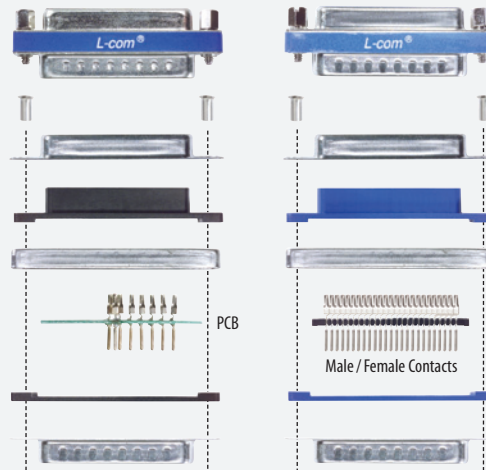


Tip *How Slim-Line adapters are constructed*

All Slim-Line adapters are fully shielded providing EMI protection in electrically noisy environments. Gender Changers and Socket Savers use a one piece contact design ensuring reliability in applications requiring frequent connector mating/unmating. Standard mating hardware is easily removed and replaced for situations such as mismatched hardware, panel mounting, etc.

Adapters and Reversers

Gender Changer / Socket Saver



Mating Hardware	Brass, Nickel Plated
Durability Mating / Unmating	Approx. 100 cycles
Temperature Rating	-55°C to 105°C
Current Rating	5 amps max.
Voltage Rating	50 volts max.

Components **Materials**

Hollow Rivet	Steel / Tin Plated
Female Connector Shell	Steel / Tin Plated
Female Connector Housing	Glass filled PBT, UL94 V-0 rated
Metal Shield	Steel / Tin Plated
Contacts	Brass / Gold Flash Plated
Male Connector Housing	Glass filled PBT, UL94 V-0 rated
Male Connector Shell	Steel / Tin Plated

Item #	Description	1-9	10-24	25-99	100+
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DB9, DB15 and DB25 Shielded Covers - Protect Ports from Contamination and EMI

These unique all metal covers provide port protection and shielding from EMI/RFI interference. Unlike other covers, the DML series is equipped with 4-40 screws for positive attachment and proper grounding.

DML009P	Shielded Cover for DB9M	1.81	1.67	1.52	CALL
DML009S	Shielded Cover for DB9F/HD15F	1.81	1.67	1.52	CALL
DML015P	Shielded Cover for DB15M	1.81	1.67	1.52	CALL
DML015S	Shielded Cover for DB15F/HD26F	1.81	1.67	1.52	CALL
DML019P	Shielded Cover for DB25M	1.81	1.67	1.52	CALL
DML019S	Shielded Cover for DB25F/HD44F	1.81	1.67	1.52	CALL

D-Sub Connector Covers - Protect Unused Ports, Pkg/10

These covers are perfect for protecting unused ports, cables or any expensive equipment from physical damage, dirt, and dust. Made from RoHS compliant PVC, these covers attach easily and stay in place with a snug friction fit.

CVR9F	DB9 / HD15 Protective Cover for Female Connectors, Pkg / 10	7.20	6.63	6.05	CALL
CVR9M	DB9 / HD15 Protective Cover for Male Connectors, Pkg / 10	7.20	6.63	6.05	CALL
CVR15F	DB15 / HD26 Protective Cover for Female Connectors, Pkg / 10	7.20	6.63	6.05	CALL
CVR15M	DB15 / HD26 Protective Cover for Male Connectors, Pkg / 10	7.20	6.63	6.05	CALL
CVR25F	DB25 / HD44 Protective Cover for Female Connectors, Pkg / 10	7.20	6.63	6.05	CALL
CVR25M	DB25 / HD44 Protective Cover for Male Connectors, Pkg / 10	7.20	6.63	6.05	CALL
CVR37F	DB37 / HD62 Protective Cover for Female Connectors, Pkg / 10	7.20	6.63	6.05	CALL
CVR37M	DB37 / HD62 Protective Cover for Male Connectors, Pkg / 10	7.20	6.63	6.05	CALL
CVR50F	DB50 / HD78 Protective Cover for Female Connectors, Pkg / 10	7.20	6.63	6.05	CALL
CVR50M	DB50 / HD78 Protective Cover for Male Connectors, Pkg / 10	7.20	6.63	6.05	CALL

Assorted D-Sub Adapter Selection Matrix

Use this handy chart to locate the desired D-Sub adapter. Simply locate the connector sizes and genders along the top and intersect with the row showing the desired adapter style. If a specific adapter is not listed, please visit our website at **L-com.com** for the latest information or select Product Wizards

under the heading of Technical Resources at the top of our website or call our Technical Support Group at **800-343-1455** for assistance. Wiring schemes are on the engineering drawings available on L-com's website.

ASSORTED D-SUB ADAPTER SELECTOR GUIDE							
INTERFACE		DB9 MALE-DB25 FEMALE	DB9 FEMALE-DB25 MALE	DB9 FEMALE-DB25 FEMALE	DB9 MALE-DB9 FEMALE	DB25 MALE-DB25 FEMALE	DB9 MALE-HD15 MALE
ADAPTER TYPE	AT MODEM	DG259FM-IBM DMA010MF	DG259MF-IBM DMA010FM	DGL259FF-IBM			
	NULL MODEM				DMA060MF	DMA070MF DMA071MF DMA072MF DMA074MF	
	REVERSER (Position 2 & 3)				DMA030MF	DMA040MF	
	RGB MONITOR						DMA100MM

Item #	Description	1-9	10-24	25-99	100+
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Slim-Line DB9 or DB25 Null Modems, Adapters and Reversers - Communicate Without Modems

L-com's series of Null Modems and Reversers are completely shielded. More important, their extremely low profile reduces leverage strain and breakage on overstressed computer ports. The Null Modems shown are typical of our Slim-Line manufacturing technique. They are also available in virtually any wiring configuration.

DMA030MF	Slim-Line Reversing Adapter, Pins 2 and 3, DB9 Male/Female	7.45	6.71	5.96	CALL
DMA040MF	Slim-Line Reversing Adapter, Pins 2 and 3, DB25 Male/Female	8.69	7.82	6.95	CALL
DMA060MF	Slim-Line Null Modem Adapter, DB9 Male/Female	7.45	6.71	5.96	CALL
DMA070MF	Slim-Line Null Modem Adapter, DB25 Std. Handshake, Male/Female	8.69	7.82	6.95	CALL
DMA071MF	Slim-Line Null Modem Adapter, DB25 Full Handshake, Male/Female	8.69	7.82	6.95	CALL
DMA072MF	Slim-Line Null Modem Adapter, DB25 Auto Handshake, Male/Female	8.69	7.82	6.95	CALL
DMA074MF	Slim-Line Null Modem Adapter, DB25 Specialty, Male/Female	8.69	7.82	6.95	CALL

DB25-DB9 Serial Port Adapters and Cables - Change From 9 to 25 and Vice Versa

Does your PC have a DB9 serial port while your modem has a DB25? These handy adapters and cables can solve your interface problem. All are 100% shielded for applications where noise is abundant.

CMZ6-IBM	Molded AT Modem Cable, DB25 Male/DB9 Female, 6.0ft (1.8m)	8.59	7.90	7.22	CALL
CMZ10-IBM	Molded AT Modem Cable, DB25 Male/DB9 Female, 10.0ft (3.0m)	10.35	9.52	8.70	CALL
DG259FM-IBM	Molded AT Adapter, High Profile, DB25 Female/DB9 Male	7.14	6.57	6.00	CALL
DG259MF-IBM	Molded AT Adapter, High Profile, DB25 Male/DB9 Female	7.14	6.57	6.00	CALL

Note: DG types supplied with user removable hex nuts.

DMA010MF	Slim-Line AT Adapter, DB9 Male/DB25 Female	7.76	6.99	6.21	CALL
DMA010FM	Slim-Line AT Adapter, DB9 Female/DB25 Male	7.76	6.99	6.21	CALL

DB25-DB9 Low Profile Serial Port Adapters - Change From DB9 to DB25 and Vice Versa

Convert your existing serial cables to insure a reliable connection between your DCE serial device/modem and your PC's 9 pin serial port by using these adapters. Features 100% shielding, rugged molded backshells, gold plated contacts for the best conductivity and low profile design for tight spaces. Hex nuts are removable to mate with PC ports having reverse hardware or peripherals with standard hardware.

DGL259FF-IBM	Molded AT Adapter, Low Profile, DB25 Female/DB9 Female	7.14	6.57	6.00	CALL
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See detailed drawings for wiring information at **L-com.com**



Gender Changer and Socket Saver Selection Matrix

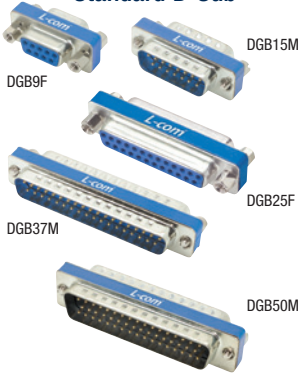
Use this handy chart to locate the desired gender changer or socket saver. Simply locate the connector size along the top (standard or filtered) and intersect with the row showing the desired connector genders. If a specific adapter is not listed, please visit our website at **L-com.com** for the latest

information and select Product Wizards under the heading of Technical Resources at the top of our website or call our Technical Support Group at **800-343-1455** for assistance.

GENDER CHANGER & SOCKET SAVER D-SUB ADAPTER SELECTOR GUIDE (ALL WIRING STRAIGHT THROUGH)															
INTERFACE		STANDARD D-SUB								HIGH DENSITY D-SUB					
		9 PIN D-SUB	9 PIN D-SUB FILTERED	15 PIN D-SUB	15 PIN D-SUB FILTERED	25 PIN D-SUB	25 PIN D-SUB FILTERED	37 PIN D-SUB	37 PIN D-SUB FILTERED	50 PIN D-SUB	15 PIN HIGH DENSITY	26 PIN HIGH DENSITY	44 PIN HIGH DENSITY	62 PIN HIGH DENSITY	78 PIN HIGH DENSITY
GENDER	FEMALE-FEMALE	DGB9F		DGB15F		DGB25F		DGB37F		DGB50F	DGBH15F DGBV15F* DMB521F	DGBH26F	DGBH44F	DGBH62F	DGBH78F
	MALE-MALE	DGB9M		DGB15M		DGB25M		DGB37M		DGB50M	DGBH15M DGBV15M* DMB520M	DGBH26M	DGBH44M	DGBH62M	DGBH78M
	MALE-FEMALE	DGB9MF DG909MF1 DG909MF2 DG909MF3	DGF9MF DGF9MF	DGB15MF DG9015MF1 DG9015MF2 DG9015MF3	DGF15MF DGF15MF	DGB25MF DG9025MF1 DG9025MF2 DG9025MF3	DGF25MF DGF25MF	DGB37MF	DGF37MF DGF37MF		DGB50MF	DGBV15MF* DGBH15MF DG90H15MF1 DG90H15MF2 DG90H15MF3	DGBH26MF	DGBH44MF	DGBH62MF

*Pin 9 missing for older, legacy VGA applications.

Standard D-Sub



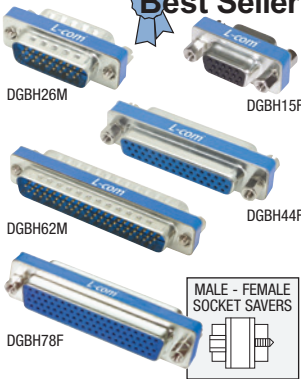
Item #	Description	1-9	10-24	25-99	100+
Slim-Line Gender Changer/Adapters - Reduce Port Receptacle Strain Up To 90%					
DGB9F	Slim-Line Gender Changer, DB9 Female / Female	5.13	4.62	4.10	CALL
DGB9M	Slim-Line Gender Changer, DB9 Male / Male	5.13	4.62	4.10	CALL
DGB15F	Slim-Line Gender Changer, DB15 Female / Female	6.17	5.55	4.93	CALL
DGB15M	Slim-Line Gender Changer, DB15 Male / Male	6.17	5.55	4.93	CALL
DGB25F	Slim-Line Gender Changer, DB25 Female / Female	7.20	6.48	5.76	CALL
DGB25M	Slim-Line Gender Changer, DB25 Male / Male	7.20	6.48	5.76	CALL
DGB37F	Slim-Line Gender Changer, DB37 Female / Female	9.27	8.35	7.42	CALL
DGB37M	Slim-Line Gender Changer, DB37 Male / Male	9.27	8.35	7.42	CALL
DGB50F	Slim-Line Gender Changer, DB50 Female / Female	11.35	10.21	9.08	CALL
DGB50M	Slim-Line Gender Changer, DB50 Male / Male	11.35	10.21	9.08	CALL

Socket Saver Adapters - Extend D-Sub Connector Usage and Avoid Major Repairs

DGB9MF	Slim-Line Socket Saver, DB9 Male / Female	5.13	4.62	4.10	CALL
DGB15MF	Slim-Line Socket Saver, DB15 Male / Female	6.17	5.55	4.93	CALL
DGB25MF	Slim-Line Socket Saver, DB25 Male / Female	7.20	6.48	5.76	CALL
DGB37MF	Slim-Line Socket Saver, DB37 Male / Female	9.27	8.35	7.42	CALL
DGB50MF	Slim-Line Socket Saver, DB50 Male / Female	11.35	10.21	9.08	CALL

High-Density D-Sub

Best Seller



High-Density Slim-Line Gender Changers - Same Small Size for High-Density D-Subs

DGBH15F	Slim-Line Gender Changer, HD15 Female / Female	8.24	7.41	6.59	CALL
DGBH15M	Slim-Line Gender Changer, HD15 Male / Male	8.24	7.41	6.59	CALL
DGBH26F	Slim-Line Gender Changer, HD26 Female / Female	10.93	9.84	8.75	CALL
DGBH26M	Slim-Line Gender Changer, HD26 Male / Male	10.93	9.84	8.75	CALL
DGBH44F	Slim-Line Gender Changer, HD44 Female / Female	12.13	10.92	9.71	CALL
DGBH44M	Slim-Line Gender Changer, HD44 Male / Male	12.13	10.92	9.71	CALL
DGBH62F	Slim-Line Gender Changer, HD62 Female / Female	15.78	14.20	12.62	CALL
DGBH62M	Slim-Line Gender Changer, HD62 Male / Male	15.78	14.20	12.62	CALL
DGBH78F	Slim-Line Gender Changer, HD78 Female / Female	17.03	15.32	13.62	CALL
DGBH78M	Slim-Line Gender Changer, HD78 Male / Male	17.03	15.32	13.62	CALL

High-Density Socket Saver Adapters - Great for Preventing Wear on High-Density Connectors

DGBH15MF	Slim-Line Socket Saver, HD15 Male / Female	8.24	7.41	6.59	CALL
DGBH26MF	Slim-Line Socket Saver, HD26 Male / Female	10.93	9.84	8.75	CALL
DGBH44MF	Slim-Line Socket Saver, HD44 Male / Female	12.13	10.92	9.71	CALL
DGBH62MF	Slim-Line Socket Saver, HD62 Male / Female	15.78	14.20	12.62	CALL
DGBH78MF	Slim-Line Socket Saver, HD78 Male / Female	17.03	15.32	13.62	CALL

Slim-Line Gender Changer/Adapters - with Pin 9 Missing for Legacy VGA Cable Applications

DGBV15F	Slim-Line Gender Changer, HD15 Female / Female	8.65	7.79	6.92	CALL
DGBV15M	Slim-Line Gender Changer, HD15 Male / Male	8.65	7.79	6.92	CALL
DGBV15MF	Slim-Line Socket Saver, HD15 Male / Female	8.65	7.79	6.92	CALL
DMA100MM	PS-2 Monitor Adapter, DB9 Male / HD15 Male	8.24	7.41	6.59	CALL

Slim-Line Gender Changers and Socket Saver - SCSI/Telco 50

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

D-Sub Gender Changer Assortment Kit - Never Have a Mismatched Data Cable Again

Each of these assortment kits have a total of 8 adapters for just about every D-Sub cable correction. DGB1010K includes: DB9, DB15, DB25 and DB37; the DGBH1010K high-density kit includes DGBH15, DGBH26, DGBH44 and DGBH62, each in male/male and female/female versions.

DGB1010K	Slim-Line Gender Changer Kit, 8 Pieces	56.94	51.25	45.55	CALL
DGBH1010K	Hi-Density Gender Changer Kit, 8 Pieces	81.19	73.07	64.95	CALL

Slim-Line Block Ferrite Filter Adapters - Eliminate Problem EMI in Computing Devices

L-com's plug-receptacle feed-thru adapter is a viable alternative solution for companies that need to rework (retrofit) existing designs in their effort to meet FCC regulations. Use these filtered D-Sub adapters where it's necessary to limit electromagnetic interference (EMI). Easy installation, economical cost, low profile and fully shielded. Four D-Sub sizes available, supplied with male/female hardware. Engineer's kit is also available and contains one of each adapter in a plastic carrying case.

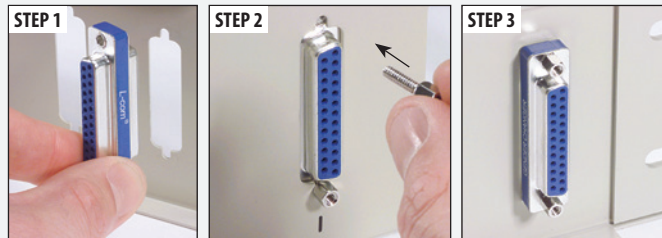
DGF9MF	Ferrite Filter (EMI) Adapter, DB9 Male / Female	8.65	7.96	7.27	CALL
DGF15MF	Ferrite Filter (EMI) Adapter, DB15 Male / Female	9.74	8.96	8.18	CALL
DGF25MF	Ferrite Filter (EMI) Adapter, DB25 Male / Female	10.83	9.96	9.10	CALL
DGF37MF	Ferrite Filter (EMI) Adapter, DB37 Male / Female	13.00	11.96	10.92	CALL
DGF100K	Engineer's Kit with 4 EMI Adapters	44.40	40.85	37.30	CALL



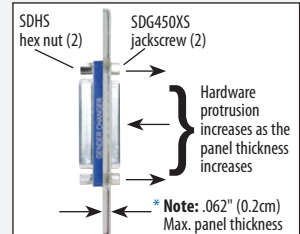
Tip Easy panel mount adapters

Online Video

L-com.com/Videos/A03



1. Remove standard hardware provided with adapter. Mount adapter from rear of panel.
2. Secure with jackscrew SDG450XS (purchased separately) from the front of the panel.
3. Thread hex nut SDHS (purchased separately) onto exposed threads of SDG450XS.



*Note: Maximum recommended panel thickness is 0.062" (0.2cm). Dimensions in excess of 0.062" (0.2cm) can limit proper cable mating due to hex nut protrusion. Panels exceeding 0.062" (0.2cm) can be milled down to the recommended thickness in the area around the adapter.

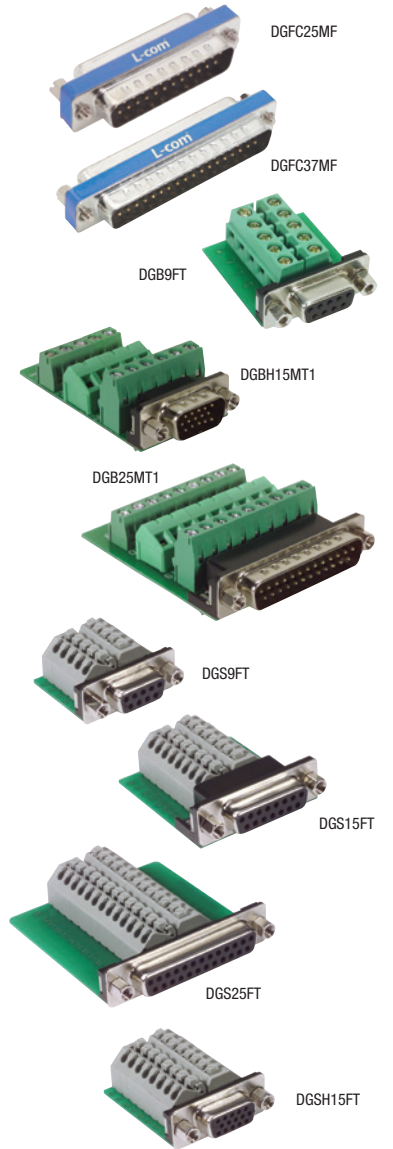
How filter adapters are constructed

Filtered adapters provide a cost effective method for reducing electromagnetic interference (EMI) and can help to avoid costly product redesigns. L-com offers two styles of filtered adapters, **Ferrite** and **Capacitive**.

Ferrite		Capacitive	
Ferrite block	PCB		
Male / Female Contacts. All pins pass through ferrite block.	PCB with Male / Female Contacts. Capacitors are soldered to each connector position.		

Mating Hardware		Brass, Nickel Plated
Durability Mating / Unmating		Approx. 100 cycles
Temperature Rating		-55°C to 105°C
Current Rating		5 amps max.
Capacitors (Ceramic)		820 pF ± 10% Voltage 100 VDC
Dielectric Withstanding Voltage		500 VDC, 1 minute
Insulation Resistance		500m Ohms @ 100 VDC

Components	Materials
Hollow Rivet	Steel / Tin Plated
Female Connector Shell	Steel / Tin Plated
Female Connector Housing	Glass filled PBT, UL94 V-0 rated
Metal Shield	Steel / Tin Plated
Contacts	Brass / gold flash plated
Male Connector Housing	Glass filled PBT, UL94 V-0 rated
Male Connector Shell	Steel / Tin Plated



Item #	Description	1-9	10-24	25-99	100+
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Slim-Line Ceramic Capacitive Filter Adapters - For Excellent, Economical Noise Removal

Filtering is the simplest method of removing unwanted interference from within a circuit. A capacitive filter is built into a male/female D-sub adapter that provides an easy-to-use retrofit adapter. Although reasonably priced, there is a cost associated with capacitors and that is signal degradation, particularly in CMOS circuits with extremely low signal levels. Systems that transmit strong signals and can tolerate moderate loss are well suited for capacitive filtering. Our compact design allows an extremely low profile of only 0.2" (0.5cm). Individual capacitance on each pin is 820pF. Also available in an engineer's kit of 4 adapters.

DGFC9MF	Capacitive Filter (EMC) Adapter, DB9 Male/Female	10.21	9.39	8.57	CALL
DGFC15MF	Capacitive Filter (EMC) Adapter, DB15 Male/Female	12.49	11.49	10.49	CALL
DGFC25MF	Capacitive Filter (EMC) Adapter, DB25 Male/Female	15.91	14.63	13.36	CALL
DGFC37MF	Capacitive Filter (EMC) Adapter, DB37 Male/Female	23.88	21.97	20.06	CALL
DGFC100K	Engineer's Kit with 4 EMC Adapters	61.50	56.58	51.66	CALL

DB9, DB15, DB25 or HD15 Connectors for Field Termination - Panel Mountable, Male or Female

These field termination connectors provide an easy and convenient way to perform field termination of any DB9, DB15, DB25 or HD15 cable. Separate connection points are provided for all positions of the connector plus the ground. Terminal block design with set screws provides reliable electrical connections without special tools. The terminal block area is clearly marked making proper termination virtually foolproof. Panel mountable for thickness up to 0.062" (0.2cm). Please note the orientation of the terminal blocks on the new male connectors.

DGB9FT	DB9 Female Connector for Field Termination	9.01	8.47	7.93	CALL
DGB15FT	DB15 Female Connector for Field Termination	10.62	9.98	9.35	CALL
DGB25FT	DB25 Female Connector for Field Termination	13.06	12.27	11.49	CALL
DGBH15FT	SVGA HD15 Female Connector for Field Termination	11.42	10.74	10.05	CALL
DGB9MT1	DB9 Male Connector for Field Termination	9.01	8.47	7.93	CALL
DGB15MT1	DB15 Male Connector for Field Termination	10.62	9.98	9.35	CALL
DGB25MT1	DB25 Male Connector for Field Termination	13.06	12.27	11.49	CALL
DGBH15MT1	SVGA HD15 Male Connector for Field Termination	10.88	10.23	9.57	CALL

DB9, DB15, DB25 or HD15 Female Connectors for Field Termination with Screwless Terminal Block

These field termination female connectors provide an easy and convenient way to perform field termination of any cable. Separate connection points are provided for all positions of the connector plus the ground. Screwless terminal block design with spring clamp provides reliable electrical connections utilizing no special tools. Simply depress the spring clamp, insert wire, release and the wire is secure. The terminal block area is clearly marked making proper termination virtually foolproof. Panel mountable for thickness up to 0.062" (0.2cm).

DGS9FT	DB9 Female Connector for Field Termination	9.53	8.96	8.39	CALL
DGS15FT	DB15 Female Connector for Field Termination	11.19	10.52	9.85	CALL
DGS25FT	DB25 Female Connector for Field Termination	13.89	13.05	12.22	CALL
DGSH15FT	HD15 Female Connector for Field Termination	11.45	10.76	10.08	CALL

Covers for Field Termination Connectors

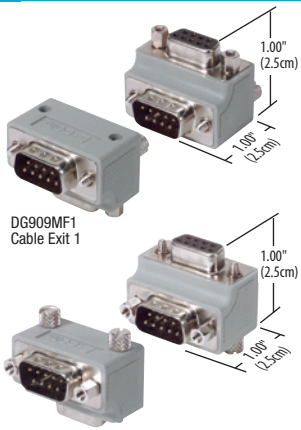
These secure, snap together covers provide protection and strain relief for our popular field termination connectors. Simply snap together the two cover halves over the terminated connector and secure exiting cable or wires with a tie wrap (included).

DGB9FT-CVR	Cover for DGB9FT Field Termination Connector	2.28	2.14	2.01	CALL
DGB9MT1-CVR	Cover for DGB9MT1 Field Termination Connector	2.28	2.14	2.01	CALL
DGB15MT1-CVR	Cover for DGB15MT1 Field Termination Connector	2.38	2.24	2.10	CALL
DGB15FT-CVR	Cover for DGB15FT Field Termination Connector	2.38	2.24	2.10	CALL
DGBH15MT1-CVR	Cover for DGBH15MT1 Field Termination Connector	2.28	2.14	2.01	CALL
DGBH15FT-CVR	Cover for DGBH15FT Field Termination Connector	2.28	2.14	2.01	CALL
DGB25MT1-CVR	Cover for DGB25MT1 Field Termination Connector	2.49	2.34	2.19	CALL
DGB25FT-CVR	Cover for DGB25FT Field Termination Connector	2.49	2.34	2.19	CALL

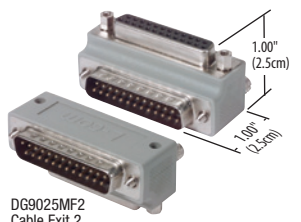
Slim-Line Loopback Test Plugs - Emulate Working Conditions for Your Testing Needs

DMA019S	Slim-Line Parallel Loopback Plug, DB25 Male	9.11	8.20	7.29	CALL
DMA021T	Slim-Line Loopback Plug, DB9 Female	9.11	8.20	7.29	CALL

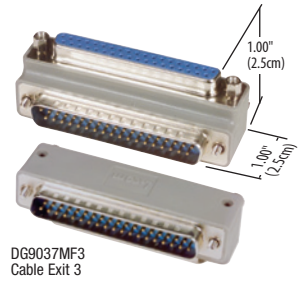




DG909MF1
Cable Exit 1



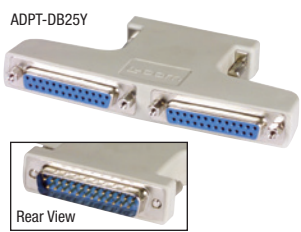
DG9025MF2
Cable Exit 2



DG9037MF3
Cable Exit 3



ADPT-DB15Y

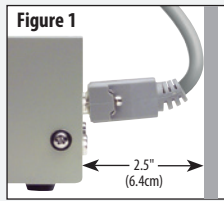


Rear View

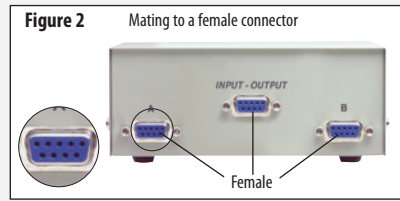
Item #	Description	1-9	10-24	25-99	100+
DB9, HD15, DB15, DB25 and DB37 Low Profile Right Angle Adapters - Molded and Fully Shielded					
DG909MF1	Low Profile Right Angle Adapter, DB9 Male/Female, Cable Exit 1	8.11	7.62	7.14	CALL
DG909MF2	Low Profile Right Angle Adapter, DB9 Male/Female, Cable Exit 2	8.11	7.62	7.14	CALL
DG909MF3	Low Profile Right Angle Adapter, DB9 Male/Female, Cable Exit 3	8.11	7.62	7.14	CALL
DG90H15MF1	Low Profile Right Angle Adapter, HD15 Male/Female, Cable Exit 1	9.23	8.68	8.12	CALL
DG90H15MF2	Low Profile Right Angle Adapter, HD15 Male/Female, Cable Exit 2	9.23	8.68	8.12	CALL
DG90H15MF3	Low Profile Right Angle Adapter, HD15 Male/Female, Cable Exit 3	9.23	8.68	8.12	CALL
DG9015MF1	Low Profile Right Angle Adapter, DB15 Male/Female, Cable Exit 1	9.23	8.68	8.12	CALL
DG9015MF2	Low Profile Right Angle Adapter, DB15 Male/Female, Cable Exit 2	9.23	8.68	8.12	CALL
DG9015MF3	Low Profile Right Angle Adapter, DB15 Male/Female, Cable Exit 3	9.23	8.68	8.12	CALL
DG9025MF1	Low Profile Right Angle Adapter, DB25 Male/Female, Cable Exit 1	11.53	10.84	10.14	CALL
DG9025MF2	Low Profile Right Angle Adapter, DB25 Male/Female, Cable Exit 2	11.53	10.84	10.14	CALL
DG9025MF3	Low Profile Right Angle Adapter, DB25 Male/Female, Cable Exit 3	11.53	10.84	10.14	CALL
DG9037MF1	Low Profile Right Angle Adapter, DB37 Male/Female, Cable Exit 1	13.87	13.04	12.21	CALL
DG9037MF2	Low Profile Right Angle Adapter, DB37 Male/Female, Cable Exit 2	13.87	13.04	12.21	CALL
DG9037MF3	Low Profile Right Angle Adapter, DB37 Male/Female, Cable Exit 3	13.87	13.04	12.21	CALL

Tip How are right angle adapters used?

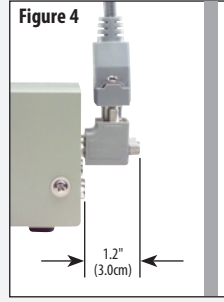
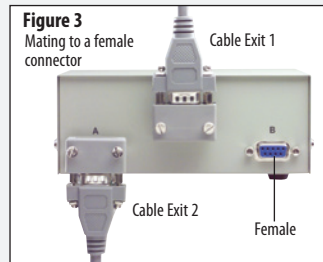
Right angle adapters assist in connecting cables in tight spaces by allowing the cable to mate at a 90 degree angle. This reduces the backshell and cable bend distance required when mating cables. L-com offers right angle adapters in DB9, DB15, DB25, DB37 and HD15 male to female configurations with three cable exit directions each. Hardware is reversible allowing for use in virtually any application.



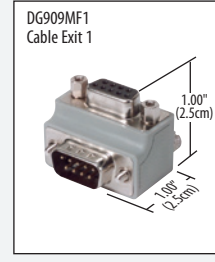
Cables require approximately 2.5" to exit a mating connector depending on backshell length and cable diameter/flexibility.



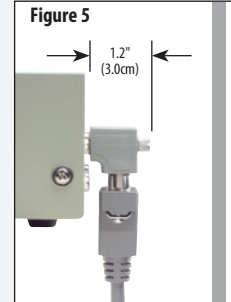
Choose the proper adapter for desired cable exit direction and simply plug the cable into the adapter.



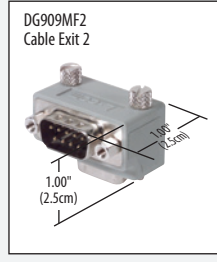
Cable Exit 1 Side View



DG909MF1
Cable Exit 1

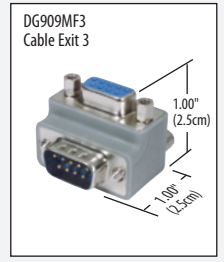


Cable Exit 2 Side View

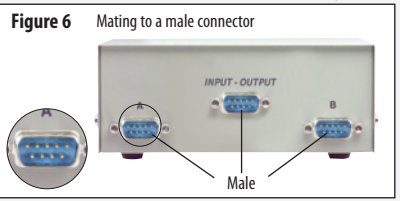


DG909MF2
Cable Exit 2

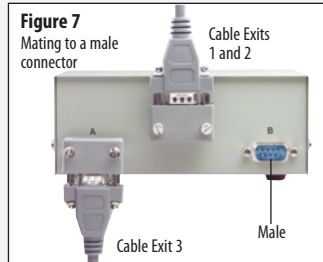
Cable Exit 3 allows the user to rotate the female connector 180° compared to Cable Exits 1 and 2.



DG909MF3
Cable Exit 3



Choose the proper adapter for desired cable exit direction and simply plug the cable into the adapter.



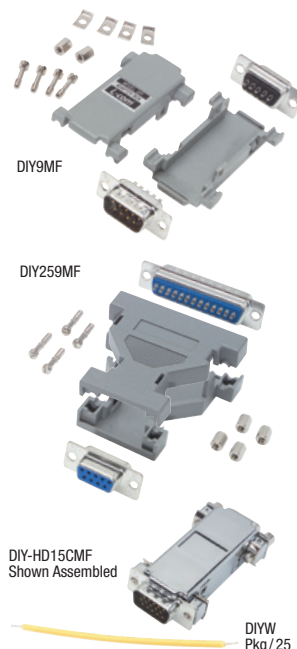
Note: When mating to a male connector, Cable Exits 1 and 2 exit in the same direction.

Y Adapters/Splitters for DB9, DB15 and DB25 Connector Sizes

These handy Y adapters are wired straight through for applications requiring splitting signals. The single end is male while the dual/split end is female for easy attachment to standard cable assemblies. The housing is fully shielded to maintain EMI protection and the contacts are 30 microinch (0.762µm) gold plated allowing for many mating cycles.

ADPT-DB9Y	Y Splitter Adapter, DB9M - DB9F & DB9F	10.83	10.40	9.96	CALL
ADPT-DB15Y	Y Splitter Adapter, DB15M - DB15F & DB15F	12.54	12.04	11.53	CALL
ADPT-DB25Y	Y Splitter Adapter, DB25M - DB25F & DB25F	15.96	15.32	14.68	CALL

Item #	Description	1-9	10-24	25-99	100+
Do-It-Yourself Kits - Everything You Need to Build Your Own Data Line Adapters					
Allows the creation of many types of data line adapters. Utilizes the most popular D-Subminiature connectors with solder cup terminations. Simply solder short wire jumpers to pins of your choice. The following components are included in each kit: two D-Sub Connectors of appropriate size and gender, two snap-on half covers and a complete set of hardware for the connectors. No jumper wires are supplied.					
DIY9MF	Do-It-Yourself Kit, DB9 Male /Female	8.69	8.35	8.00	CALL
DIY9MM	Do-It-Yourself Kit, DB9 Male /Male	8.48	8.14	7.80	CALL
DIY9FF	Do-It-Yourself Kit, DB9 Female /Female	8.91	8.55	8.20	CALL
DIY15MF	Do-It-Yourself Kit, DB15 Male /Female	9.56	9.18	8.80	CALL
DIY15MM	Do-It-Yourself Kit, DB15 Male /Male	9.35	8.97	8.60	CALL
DIY15FF	Do-It-Yourself Kit, DB15 Female /Female	9.78	9.39	9.00	CALL
DIY25MF	Do-It-Yourself Kit, DB25 Male /Female	10.65	10.23	9.80	CALL
DIY259MF	Do-It-Yourself Kit, DB25 Male /DB9 Female	8.91	8.55	8.20	CALL
DIY259FF	Do-It-Yourself Kit, DB25 Female /DB9 Female	9.13	8.76	8.40	CALL
DIY259MM	Do-It-Yourself Kit, DB25 Male /DB9 Male	8.69	8.35	8.00	CALL
DIY9CMF	Metalized DIY Kit, DB9 Male /Female	9.13	8.76	8.40	CALL
DIY-HD15CMF	Metalized DIY Kit, HD15 Male /Female	10.43	10.02	9.60	CALL
DIYW	Pre-tinned Jumpers, Pkg/25	2.71	2.65	2.60	CALL



Data Jumper Box Kits - Include a PC Board to Simplify Data Line Adapter Design

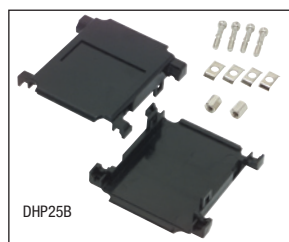
Every pin of the male or female D-Subminiature connector terminates to solder pads with drilled holes on each end of the adapters' PC board to make connection easy. Supplied with ten wires already stripped and tinned for permanent wiring to suit your needs.

DJB9MF	Plastic PCB Jumper Box, DB9 Male /Female	12.17	11.69	11.20	CALL
DJB15MF	Plastic PCB Jumper Box, DB15 Male /Female	13.81	13.25	12.70	CALL
DJB25MF	Plastic PCB Jumper Box, DB25 Male /Female	15.33	14.72	14.10	CALL

Plastic D-Sub Half Cover Pairs - Popular Accessory to Assemble Custom Adapters

Choosing these D-Sub half cover pairs will satisfy most of your custom adapter requirements. These covers feature UL94V-0 rated plastic and are available in Gray or Black. They are supplied with the appropriate hardware to allow male/female or male/male cable connections. For female/female applications, you'll need two (2) additional hex standoffs.

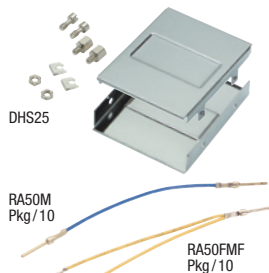
DHP9G	Half Cover Pair, DB9, Gray Plastic	2.60	2.50	2.39	CALL
DHP15G	Half Cover Pair, DB15, Gray Plastic	2.93	2.81	2.69	CALL
DHP25G	Half Cover Pair, DB25, Gray Plastic	3.04	2.91	2.79	CALL
DHP9B	Half Cover Pair, DB9, Black Plastic	2.60	2.50	2.39	CALL
DHP15B	Half Cover Pair, DB15, Black Plastic	2.49	2.29	2.09	CALL
DHP25B	Half Cover Pair, DB25, Black Plastic	3.04	2.91	2.79	CALL



All Metal DB9 and DB25 Half Cover Pairs - Satisfy the Need for Being Compact and Rugged

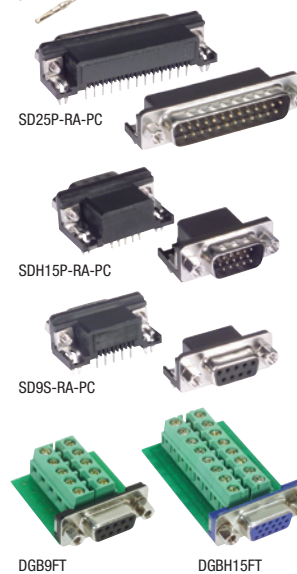
The special design of these covers provides a smart look in adapter creation. All steel to take much abuse, with a heavy chrome plate to add attractiveness. Snaps together and comes apart easily. They are supplied with appropriate cable connector fastening hardware for male/female connections. See page 104 for additional hardware.

DHS9	Half Cover Pair, DB9, Nickel Plated Steel	3.80	3.65	3.49	CALL
DHS25	Half Cover Pair, DB25, Nickel Plated Steel	3.91	3.75	3.59	CALL



Crimp & Poke Style Straight and Y Jumper Wires - Sold Only in Packs of 10

RA50M	Straight Jumper Wires, Male /Male, Pkg /10	3.57	3.50	3.36	CALL
RA50F	Straight Jumper Wires, Female /Female, Pkg /10	3.57	3.50	3.36	CALL
RA50MF	Straight Jumper Wires, Male /Female, Pkg /10	3.57	3.50	3.36	CALL
RA50MFM	Y Jumper Wires, Male /Female /Male, Pkg /10	4.61	4.52	4.33	CALL
RA50FMF	Y Jumper Wires, Female /Male /Female, Pkg /10	4.61	4.52	4.33	CALL
RA50FFF	Y Jumper Wires, Female /Female /Female, Pkg /10	4.61	4.52	4.33	CALL



Right Angle D-Sub PCB Connectors - 10 Connectors per Tray

Right angle PCB connectors are popular for many I/O applications. Board locks provide a secure PCB connection and easy soldering every time. Connectors are available in DB9, DB15, DB25, DB37 and HD15 sizes.

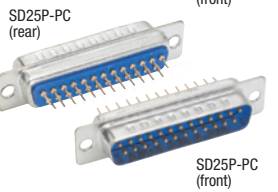
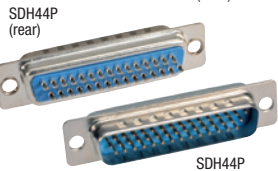
SD9P-RA-PC	Right Angle PCB D-Sub Connector, DB9 Male, Tray of 10	12.23	11.25	10.27	CALL
SD15P-RA-PC	Right Angle PCB D-Sub Connector, DB15 Male, Tray of 10	14.40	13.25	12.10	CALL
SD25P-RA-PC	Right Angle PCB D-Sub Connector, DB25 Male, Tray of 10	20.05	18.45	16.84	CALL
SD37P-RA-PC	Right Angle PCB D-Sub Connector, DB37 Male, Tray of 10	27.87	25.64	23.41	CALL
SDH15P-RA-PC	Right Angle PCB D-Sub Connector, HD15 Male, Tray of 10	17.41	16.02	14.62	CALL
SD9S-RA-PC	Right Angle PCB D-Sub Connector, DB9 Female, Tray of 10	12.23	11.25	10.27	CALL
SD15S-RA-PC	Right Angle PCB D-Sub Connector, DB15 Female, Tray of 10	14.40	13.25	12.10	CALL
SD25S-RA-PC	Right Angle PCB D-Sub Connector, DB25 Female, Tray of 10	20.05	18.45	16.84	CALL
SD37S-RA-PC	Right Angle PCB D-Sub Connector, DB37 Female, Tray of 10	27.87	25.64	23.41	CALL
SDH15S-RA-PC	Right Angle PCB D-Sub Connector, HD15 Female, Tray of 10	17.41	16.02	14.62	CALL

DB9, DB15, DB25 or HD15 Connectors for Field Termination - Panel Mountable

These field termination connectors provide an easy and convenient way to perform field termination of any DB9, DB15, DB25 or HD15 cable. Separate connection points are provided for all positions of the connector plus the ground. Terminal block design with set screws provides reliable electrical connections without special tools. The terminal block area is clearly marked making proper termination virtually foolproof. Panel mountable for thickness up to 0.062" (0.2cm).

DGB9FT	DB9 Female Connector for Field Termination	9.01	8.47	7.93	CALL
DGB15FT	DB15 Female Connector for Field Termination	10.62	9.98	9.35	CALL
DGB25FT	DB25 Female Connector for Field Termination	13.06	12.27	11.49	CALL
DGBH15FT	SVGA HD15 Female Connector for Field Termination	11.42	10.74	10.05	CALL

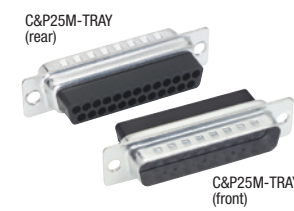
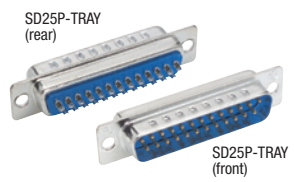
NOTE:
The adapter kits shown on these pages are also available completely wired and optionally provided with internal jumpers and circuit components. Your Sales Representative will be happy to address your needs.



No more D-Sub connector gender confusion

Online Video

L-com.com/Videos/A14



Item #	Description	1-9	10-24	25-99	100+
SD9P	Solder Cup D-Sub Connector, DB9 Male	1.24	1.14	1.04	CALL
SD15P	Solder Cup D-Sub Connector, DB15 Male	1.40	1.29	1.18	CALL
SD25P	Solder Cup D-Sub Connector, DB25 Male	1.61	1.48	1.35	CALL
SD37P	Solder Cup D-Sub Connector, DB37 Male	4.82	4.43	4.05	CALL
SD50P	Solder Cup D-Sub Connector, DB50 Male	6.11	5.62	5.14	CALL
SD9S	Solder Cup D-Sub Connector, DB9 Female	1.30	1.19	1.09	CALL
SD15S	Solder Cup D-Sub Connector, DB15 Female	1.45	1.33	1.22	CALL
SD25S	Solder Cup D-Sub Connector, DB25 Female	1.71	1.57	1.44	CALL
SD37S	Solder Cup D-Sub Connector, DB37 Female	5.08	4.67	4.26	CALL
SD50S	Solder Cup D-Sub Connector, DB50 Female	6.42	5.91	5.40	CALL

D-Sub Connectors - Choose from Solder Cup, Insertion Style or PC Termination Style Individually Packaged

These D-Sub connectors conform to commercial industry standards and will mate with any opposite gender D-Sub connector. Contact plating is gold flash, connector insulator is UL94V-0 rated.

Solder Cup High-Density D-Subminiature Connectors - Accept up to 22 AWG Wires

SDH15P	Solder Cup D-Sub Connector, HD15 Male	1.97	1.81	1.65	CALL
SDH26P	Solder Cup D-Sub Connector, HD26 Male	3.26	3.00	2.74	CALL
SDH44P	Solder Cup D-Sub Connector, HD44 Male	5.65	5.20	4.74	CALL
SDH62P	Solder Cup D-Sub Connector, HD62 Male	6.84	6.29	5.74	CALL
SDH78P	Solder Cup D-Sub Connector, HD78 Male	8.19	7.53	6.88	CALL
SDH15S	Solder Cup D-Sub Connector, HD15 Female	2.07	1.91	1.74	CALL
SDH26S	Solder Cup D-Sub Connector, HD26 Female	3.47	3.19	2.92	CALL
SDH44S	Solder Cup D-Sub Connector, HD44 Female	5.85	5.39	4.92	CALL
SDH62S	Solder Cup D-Sub Connector, HD62 Female	7.05	6.48	5.92	CALL
SDH78S	Solder Cup D-Sub Connector, HD78 Female	8.50	7.82	7.14	CALL

PC Termination D-Subminiature Connectors - Male and Female Genders

SD9P-PC	PC Termination D-Sub Connector, DB9 Male	1.76	1.62	1.48	CALL
SD15P-PC	PC Termination D-Sub Connector, DB15 Male	2.59	2.38	2.18	CALL
SD25P-PC	PC Termination D-Sub Connector, DB25 Male	3.21	2.96	2.70	CALL
SD37P-PC	PC Termination D-Sub Connector, DB37 Male	6.17	5.67	5.18	CALL
SD9S-PC	PC Termination D-Sub Connector, DB9 Female	1.81	1.67	1.52	CALL
SD15S-PC	PC Termination D-Sub Connector, DB15 Female	2.64	2.43	2.22	CALL
SD25S-PC	PC Termination D-Sub Connector, DB25 Female	3.32	3.05	2.79	CALL
SD37S-PC	PC Termination D-Sub Connector, DB37 Female	6.37	5.86	5.35	CALL

Insertion Style D-Sub Connectors Accept Industry Standard Pins and Sockets

C&P9M	Insertion Type D-Sub Connector, DB9 Male	0.83	0.76	0.70	CALL
C&P15M	Insertion Type D-Sub Connector, DB15 Male	0.93	0.86	0.78	CALL
C&P25M	Insertion Type D-Sub Connector, DB25 Male	1.09	1.00	0.91	CALL
C&P37M	Insertion Type D-Sub Connector, DB37 Male	2.85	2.62	2.39	CALL
C&P50M	Insertion Type D-Sub Connector, DB50 Male	4.71	4.34	3.96	CALL
C&P9F	Insertion Type D-Sub Connector, DB9 Female	0.93	0.86	0.78	CALL
C&P15F	Insertion Type D-Sub Connector, DB15 Female	1.09	1.00	0.91	CALL
C&P25F	Insertion Type D-Sub Connector, DB25 Female	1.19	1.10	1.00	CALL
C&P37F	Insertion Type D-Sub Connector, DB37 Female	3.00	2.76	2.52	CALL
C&P50F	Insertion Type D-Sub Connector, DB50 Female	4.82	4.43	4.05	CALL

D-Sub and HD Style Bulk Packaged Connectors - Solder and Crimp Styles

Save time and money with these D-Sub and HD style connector multi packs. Packed in convenient trays, these connectors are ideal for high volume production. Offered in both solder and crimp versions these connectors are perfect for all of your cable termination needs.

SD9P-TRAY	Solder Cup D-Sub Connector, DB9 Male, Tray of 50	43.88	40.37	36.86	CALL
SD15P-TRAY	Solder Cup D-Sub Connector, DB15 Male, Tray of 70	69.84	64.25	58.67	CALL
SD25P-TRAY	Solder Cup D-Sub Connector, DB25 Male, Tray of 50	57.87	53.24	48.61	CALL
SD37P-TRAY	Solder Cup D-Sub Connector, DB37 Male, Tray of 40	140.46	129.22	117.98	CALL
SD50P-TRAY	Solder Cup D-Sub Connector, DB50 Male, Tray of 40	178.74	164.44	150.15	CALL
SD9S-TRAY	Solder Cup D-Sub Connector, DB9 Female, Tray of 50	45.90	42.23	38.56	CALL
SD15S-TRAY	Solder Cup D-Sub Connector, DB15 Female, Tray of 70	72.64	66.83	61.02	CALL
SD25S-TRAY	Solder Cup D-Sub Connector, DB25 Female, Tray of 50	61.86	56.91	51.96	CALL
SD37S-TRAY	Solder Cup D-Sub Connector, DB37 Female, Tray of 40	148.44	136.56	124.69	CALL
SD50S-TRAY	Solder Cup D-Sub Connector, DB50 Female, Tray of 40	188.33	173.26	158.20	CALL

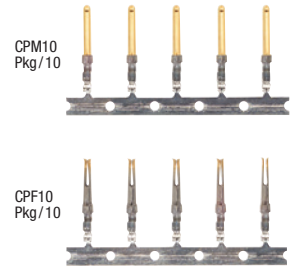
Solder Cup High-Density D-Subminiature Connectors - Accept up to 22 AWG Wires

SDH15P-TRAY	Solder Cup D-Sub Connector, HD15 Male, Tray of 50	71.81	66.06	60.32	CALL
SDH26P-TRAY	Solder Cup D-Sub Connector, HD26 Male, Tray of 70	167.55	154.15	140.74	CALL
SDH15S-TRAY	Solder Cup D-Sub Connector, HD15 Female, Tray of 50	75.80	69.73	63.67	CALL
SDH26S-TRAY	Solder Cup D-Sub Connector, HD26 Female, Tray of 70	175.95	161.87	147.80	CALL

Insertion Style D-Sub Connectors Accept Industry Standard Pins and Sockets

C&P9M-TRAY	Insertion Type D-Sub Connector, DB9 Male, Tray of 50	27.93	25.69	23.46	CALL
C&P15M-TRAY	Insertion Type D-Sub Connector, DB15 Male, Tray of 50	31.91	29.36	26.81	CALL
C&P25M-TRAY	Insertion Type D-Sub Connector, DB25 Male, Tray of 50	35.90	33.03	30.16	CALL
C&P37M-TRAY	Insertion Type D-Sub Connector, DB37 Male, Tray of 40	78.23	71.97	65.72	CALL
C&P9F-TRAY	Insertion Type D-Sub Connector, DB9 Female, Tray of 50	31.91	29.36	26.81	CALL
C&P15F-TRAY	Insertion Type D-Sub Connector, DB15 Female, Tray of 50	35.90	33.03	30.16	CALL
C&P25F-TRAY	Insertion Type D-Sub Connector, DB25 Female, Tray of 50	39.89	36.70	33.51	CALL
C&P37F-TRAY	Insertion Type D-Sub Connector, DB37 Female, Tray of 40	81.39	74.88	68.37	CALL

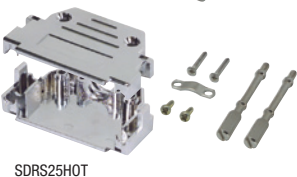
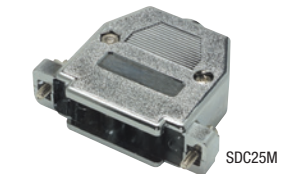
Item #	Description	1-9	10-24	25-99	100+
Crimp & Poke Contacts - Choose Pins or Sockets, Flash or 30 Microinches (0.762µm)					
CPM10	Crimp & Poke Male Pins - Gold Flash, Pkg/ 10	2.90	2.67	2.44	CALL
CPM100	Crimp & Poke Male Pins - Gold Flash, Reel/100	17.41	16.02	14.62	CALL
CPM10-30U	Crimp & Poke Male Pins - 30µ (0.762µm) Gold, Pkg/10	3.78	3.48	3.18	CALL
CPM100-30U	Crimp & Poke Male Pins - 30µ (0.762µm) Gold, Reel/ 100	22.64	20.83	19.02	CALL
CPF10	Crimp & Poke Female Sockets - Gold Flash, Pkg/ 10	3.52	3.24	2.96	CALL
CPF100	Crimp & Poke Female Sockets - Gold Flash, Reel/100	20.93	19.26	17.58	CALL
CPF10-30U	Crimp & Poke Female Sockets - 30µ (0.762µm) Gold, Pkg/ 10	4.35	4.00	3.66	CALL
CPF100-30U	Crimp & Poke Female Sockets - 30µ (0.762µm) Gold, Reel/ 100	26.11	24.02	21.93	CALL



Insertion/Extraction 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	Professional Contact Insertion/Extraction Tool	25.85	25.34	24.82	CALL



Tip How to crimp D-Sub contacts using hand tool CP3127CT

STEP 1

Strip the wire to 3/32" (0.2cm). You can use part #HTC2030.

STEP 2

Squeeze tool handles together to release ratchet.

STEP 3

Slide the contact locator down from the top of the tool.

STEP 4

Then from the back, push the contact locator forward between tool crimp jaws.

STEP 5

Orient the contact so open side of wire and insulation barrels are facing up and insert contact into locator.

STEP 6

Slide locator back placing contact between crimping jaws. Then squeeze tool handles together until ratchet engages (listen for clicking sound).

STEP 7

Insert wire over contact and against wire stop. Squeeze tool handles together until ratchet releases.

STEP 8

Slide locator down, push forward and remove crimped contact.

D-Subminiature Contact Crimp Tool - For Crimp & Poke Series Pins and Sockets

Professional grade tool crimps D-Subminiature pins and sockets for 20-30 AWG wires. Spring loaded holding mechanism centers and holds pin in place until crimping cycle is complete. Highest quality. See the Tip above for crimping instructions.

CP3127CT	D-Sub Contact Crimp Tool	136.78	134.04	131.31	CALL
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D-Sub Hood Covers - Offering a Better Selection for Your Varied Cable Making Needs

L-com offers a better selection of D-Sub hoods than ever before. We've discovered in our own cable production that needs are varied because users are more demanding in style selection than traditional plastic or metal hoods. They are supplied as kits with appropriate hardware for male mating. Order hex standoffs separately for female adaptation.

Plastic D-Sub Hoods - Features One Piece Foldover Hinge Design

One piece unshielded hoods are available for DB9, DB15, DB25 and DB50 sizes. They are constructed of Black plastic with long knurled thumbscrews. They feature a side snap lock for connector security and metal screw down strain relief. Attractive appearance.

SD121-09	Hinged Hood Kit, DB9 Black	1.63	1.50	1.37	CALL
SD121-15	Hinged Hood Kit, DB15 Black	1.74	1.60	1.46	CALL
SD121-25	Hinged Hood Kit, DB25 Black	1.85	1.70	1.55	CALL
SD121-50	Hinged Hood Kit, DB50 Black	2.34	2.15	1.96	CALL

Plastic Hoods - Mate with D-Subminiature Connectors for Cabling

Molded plastic hoods are made of flame retardant materials. The metalized version is chrome plated providing conductivity and an RFI/EMI shield. A cable strain relief is also included.

SDC9G	Assembled Hood Kit, DB9 Gray	0.98	0.90	0.82	CALL
SDC15G	Assembled Hood Kit, DB15 Gray	1.14	1.05	0.96	CALL
SDC25G	Assembled Hood Kit, DB25 Gray	1.20	1.10	1.01	CALL
SDC37G	Assembled Hood Kit, DB37 Gray	1.36	1.25	1.14	CALL
SDC9B	Assembled Hood Kit, DB9 Black	1.03	0.95	0.87	CALL
SDC15B	Assembled Hood Kit, DB15 Black	1.20	1.10	1.01	CALL
SDC25B	Assembled Hood Kit, DB25 Black	1.25	1.15	1.05	CALL
SDC9M	Assembled Hood Kit, DB9 Metalized Chrome	1.20	1.10	1.01	CALL
SDC15M	Assembled Hood Kit, DB15 Metalized Chrome	1.41	1.30	1.19	CALL
SDC25M	Assembled Hood Kit, DB25 Metalized Chrome	1.52	1.40	1.28	CALL

Metalized Plastic D-Sub Hoods - Low Profile and Contemporary Style and Finish

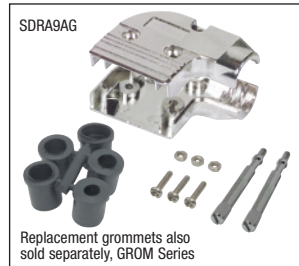
These hoods are offered in three basic sizes, in attractive matte metalized (shielded) finish. Well constructed with metal strain relief bar, two screw closure and long knurled thumbscrews.

SDRS09HOT	Assembled Hood Kit, DB9 Matte Chrome	2.18	2.00	1.83	CALL
SDRS15HOT	Assembled Hood Kit, DB15 Matte Chrome	2.28	2.10	1.92	CALL
SDRS25HOT	Assembled Hood Kit, DB25 Matte Chrome	2.39	2.20	2.01	CALL

Replacement grommets also sold separately.

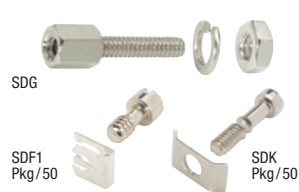


SDC25AG



SDRA9AG

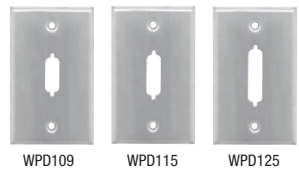
Replacement grommets also sold separately, GROM Series



SDG

SDF1 Pkg/50

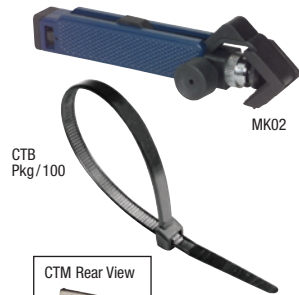
SDK Pkg/50



WPD109

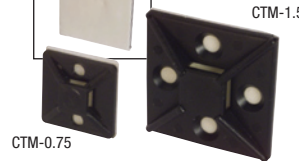
WPD115

WPD125



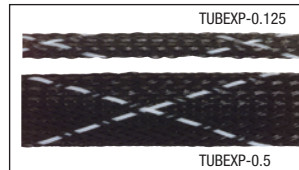
MK02

CTM Rear View



CTM-1.5

CTM-0.75



TUBEXP-0.125

TUBEXP-0.5

SPVFP301-ASST



TAP1181-3/4

Item #	Description	1-9	10-24	25-99	100+
D-Sub Metal Hood Kits - Choice of Five Grommets to Satisfy all Size Requirements					
Cast alloy metal construction with a matte nickel plate finish over tin and copper for the best conductivity. Kit includes a set of five grommets and 4-40 thread mounting screws.					
SDC9AG	Assembled Hood Kit, DB9 Metal	2.93	2.75	2.58	CALL
SDC15AG	Assembled Hood Kit, DB15 Metal	4.23	3.98	3.72	CALL
SDC25AG	Assembled Hood Kit, DB25 Metal	4.45	4.18	3.92	CALL
SDC37AG	Assembled Hood Kit, DB37 Metal	5.86	5.51	5.16	CALL
SDC50AG	Assembled Hood Kit, DB50 Metal	6.19	5.82	5.45	CALL

4-40 Thumbscrews for SDC Metal and Plastic D-Sub Hood Kits					
Nickel plated steel, knurled, slotted thumbscrews are now available for the entire SDC family of D-Sub hoods.					
04X44S	SDC Thumbscrew, 4-40 Thread	0.50	0.46	0.42	CALL

Right Angle D-Sub Metal Hood Kits - Low Profile with Thumbscrews					
Right angle hoods offered for applications requiring a 90 degree cable exit. Cast alloy metal construction with a nickel plated finish.					
SDRA9AG	Right Angle Assembled Hood Kit, DB9 Metal	4.78	4.49	4.20	CALL
SDRA15AG	Right Angle Assembled Hood Kit, DB15 Metal	4.99	4.69	4.39	CALL
SDRA25AG	Right Angle Assembled Hood Kit, DB25 Metal	5.32	5.00	4.68	CALL

Replacement Grommets for SDC and SDRA Metal Backshells					
These grommets are the same as supplied with the SDC and SDRA metal backshell kits. Five different sizes are offered per backshell size to best fit cable diameter used.					
GROM-9&15	Replacement Grommets, SDC & SDRA 9/15 Metal Backshells	0.82	0.75	0.69	CALL
GROM-25	Replacement Grommets, SDC & SDRA 25 Metal Backshells	0.82	0.75	0.69	CALL
GROM-37&50	Replacement Grommets, SDC 37/50 Metal Backshells	0.98	0.90	0.82	CALL

4-40 Hex Jack Screws - Difficult to Find Hardware for Mounting D-Sub Connectors					
SDG250	Jack Screw Kit, .25 inch (0.6cm) Thread, .232 inch (0.6cm) Screwlock, Pkg/50	14.97	14.07	13.18	CALL
SDG300	Jack Screw Kit, .30 inch (0.8cm) Thread, .232 inch (0.6cm) Screwlock, Pkg/50	14.97	14.07	13.18	CALL
SDG400	Jack Screw Kit, .40 inch (1.0cm) Thread, .232 inch (0.6cm) Screwlock, Pkg/50	14.97	14.07	13.18	CALL
SDG400S	Jack Screw Kit, .40 inch (1.0cm) Thread, .197 inch (0.5cm) Screwlock, Pkg/50	14.97	14.07	13.18	CALL
SDG400XS	Jack Screw Kit, .40 inch (1.0cm) Thread, .160 inch (0.4cm) Screwlock, Pkg/50	15.42	14.50	13.57	CALL
SDG450XS	Jack Screw Kit, .45 inch (1.1cm) Thread, .160 inch (0.4cm) Screwlock, Pkg/50	15.42	14.50	13.57	CALL
SDG500	Jack Screw Kit, .50 inch (1.3cm) Thread, .232 inch (0.6cm) Screwlock, Pkg/50	14.97	14.07	13.18	CALL

Hex Standoff 4-40 Thread - Needed with Hood Kits to Convert Male to Female					
SDH	Hex Standoffs, .232 inch (0.6cm) Hex, Pkg/50	10.51	9.88	9.25	CALL
SDHS	Hex Standoffs, .195 inch (0.5cm) Hex, Pkg/50	10.51	9.88	9.25	CALL
SDH-160	Hex Standoffs, .160 inch (0.4cm) Hex, Pkg/50	10.21	9.59	8.98	CALL

4-40 Screw and Retainer Pair - For Use on Male D-Sub Connectors with Metal Tabs					
SDF1	Screws and Retainers, Chromate, Pkg/50	14.30	13.44	12.58	CALL

4-40 Screw and Guard - Replacement for Cable Connector Hoods Such as SDC Series					
SDK	Screws and Guards, Nickel Plate, Pkg/50	6.53	6.01	5.48	CALL

Stainless Wall Plates - Accept a Variety of D-Sub Connectors					
Wall plates that accept common D-Sub connectors are found to be useful by many installers.					
WPD109	Stainless Wall Plate, One DB9/HD15 Opening	3.20	3.01	2.82	CALL
WPD115	Stainless Wall Plate, One DB15/HD26 Opening	3.20	3.01	2.82	CALL
WPD125	Stainless Wall Plate, One DB25/HD44 Opening	3.20	3.01	2.82	CALL

Rotary Cable Strippers - Cut Cable Jackets					
These tools offer an economical and consistent cable jacket strip every time. Featuring easy to adjust cutting depth, these tools strip both around the cable perimeter and lengthwise. HT-325 strips cable jackets ranging from 0.125" (0.3cm) to 1.0" (2.5cm). MK02 strips cable jackets ranging from 0.18" (0.5cm) to 1.12" (2.8cm). Choose HT-325 for light duty use and MK02 for heavier duty use.					
MK02	Round Cable Stripper	37.50	36.75	36.00	CALL
HT-325	Economy Round Cable Jacket Stripper	16.63	16.30	15.97	CALL

Cable Ties and Cable Mounts					
Cable ties come in handy to secure cable assemblies in different applications. Four different sizes, in packages of 100 pieces each. Color is black. Cable tie mounts allow the user to secure wire and/or cable quickly and easily to a surface. Mounts can be secured with screws or adhesive. Material is UL94V-2 rated nylon, color is black.					
CTB-05	6 inch (20.3cm) Cable Ties, Pkg/100	8.29	7.79	7.29	CALL
CTB-07	8 inch (15.2cm) Cable Ties, Pkg/100	9.48	8.91	8.34	CALL
CTB-09	8.5 inch (21.6cm) Cable Ties, Pkg/100	10.67	10.03	9.39	CALL
CTB-12	11.5 inch (29.2cm) Cable Ties, Pkg/100	11.86	11.15	10.44	CALL
CTM-0.75	Black Cable Tie Mount, 0.75" (1.9cm), Pkg/10	4.51	4.15	3.79	CALL
CTM-1.5	Black Cable Tie Mount, 1.50" (3.8cm), Pkg/10	8.65	7.96	7.27	CALL

Expandable Sleeving - Pkg/100ft (30.5m), Polyester Material with VW-1 Flammability Rating					
Polyester expandable flexible tubing is ideal for protecting wire and/or cable. The open weave design allows for flexible routing, high resistance to abrasion and broad range of expansion. Available in .125" (0.3cm), .25" (0.6cm) and .5" (1.3cm) diameters, color is black with white tracer.					
TUBEXP-0.125	Expandable Braid Sleeving, .125" (0.3cm) Diameter, 100ft (30.5m)	23.26	21.40	19.54	CALL
TUBEXP-0.25	Expandable Braid Sleeving, .25" (0.6cm) Diameter, 100ft (30.5m)	29.22	26.88	24.55	CALL
TUBEXP-0.5	Expandable Braid Sleeving, .5" (1.3cm) Diameter, 100ft (30.5m)	39.95	36.75	33.55	CALL

Item #	Description	List Price			
3M Heat Shrink Tubing Kits					
SPVFP301-BLK	Heat Shrink Kit, Black Colors	69.42			
SPVFP301-ASST	Heat Shrink Kit, Assorted Colors	69.42			
3M Copper Foil Shielding Tape with Conductive Adhesive					
TAP1181-3/8	Copper Foil Shielding Tape, 2.6 MIL x 3/8 inch (1.0cm) W x 18 Yards (16.5m)	18.64			
TAP1181-3/4	Copper Foil Shielding Tape, 2.6 MIL x 3/4 inch (1.9cm) W x 18 Yards (16.5m)	36.57			

Item #	Description	List Price
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Greenlee Ratchet Kits and Wrench

Three options are available to use with the punches below. 34941 is a 1 inch hex ratchet wrench only. 7238SB includes the ratchet wrench plus several dies. LS50L11A is a battery operated tool with a 360 degree rotating head capable of punching holes in half the time required for manual ratchets.

PUNHT-34941	Ratchet Wrench (Greenlee # 34941)	69.37
PUNHT-7238SB	Ratchet Wrench & Die Set Kit (Greenlee # 7238SB)	474.94
PUNHT-LS50L11A	Battery Powered Ratchet Kit (Greenlee # LS50L11A)	1670.30

Greenlee Punches - Punch Holes in Metal Boxes or Panels

Easy to use Greenlee holemaking punches for small to medium sized projects. All kits include punch, die and draw stud. 3 new punch driver options available.

PUNDHOLE0.5	Punch, D-Hole 0.5" Diameter (Greenlee # 60077)	218.79
PUNDB9	Punch, DB9/HDB15 Hole (Greenlee # 229)	538.98
PUNDB15	Punch, DB15/HDB26 Hole (Greenlee 231)	538.98
PUNDB25	Punch, DB25/HDB44 Hole (Greenlee # RS232)	538.98
PUNDB37	Punch, DB37/HDB62 Hole (Greenlee # 234)	581.67
PUNDB50	Punch, DB50/HDB78 Hole (Greenlee # 238)	581.67

Bulk Multiconductor Data Cable - 24 AWG Stranded Conductors

This is one of the most popular choices for data cable applications. Conductors are 24 AWG 7/32 stranded conductors with PVC insulation. Jacket is also PVC, color is soft gray. Foil shielding with tinned drain wire. Choose from 4, 9, 15 or 25 conductors and 100 foot coils or 500 and 1,000 foot (30.5m, 152.4m & 304.8m) spools. UL and CSA Listed.

CS4-100	4 Conductor 24 AWG Bulk Cable, 100ft (30.5m) Coil	27.42
CS4-500	4 Conductor 24 AWG Bulk Cable, 500ft (152.4m) Spool	137.09
CS4-1000	4 Conductor 24 AWG Bulk Cable, 1000ft (304.8m) Spool	274.18
CS9-100	9 Conductor 24 AWG Bulk Cable, 100ft (30.5m) Coil	38.85
CS9-500	9 Conductor 24 AWG Bulk Cable, 500ft (152.4m) Spool	194.21
CS9-1000	9 Conductor 24 AWG Bulk Cable, 1000ft (304.8m) Spool	388.42
CS15-100	15 Conductor 24 AWG Bulk Cable, 100ft (30.5m) Coil	57.13
CS15-500	15 Conductor 24 AWG Bulk Cable, 500ft (152.4m) Spool	285.61
CS15-1000	15 Conductor 24 AWG Bulk Cable, 1000ft (304.8m) Spool	571.21
CS25-100	25 Conductor 24 AWG Bulk Cable, 100ft (30.5m) Coil	91.39
CS25-500	25 Conductor 24 AWG Bulk Cable, 500ft (152.4m) Spool	456.96
CS25-1000	25 Conductor 24 AWG Bulk Cable, 1000ft (304.8m) Spool	913.93

Bulk Twisted Pair Data Cable - Double Shielded, 26 AWG Stranded Conductors

Twisted pair bulk cable features difficult to find 26 AWG conductors with foil, drain wire and braid shield as well as a flexible PVC jacket. Choose from 5, 12.5, 19, or 25 pairs in 100, 500 or 1,000 foot (30.5m, 152.4m & 304.8m) spools. Jacket color is light gray.

CSTP5-100	5 Pair 26 AWG Bulk Cable, 100ft (30.5m) Spool	64.63
CSTP5-500	5 Pair 26 AWG Bulk Cable, 500ft (152.4m) Spool	323.14
CSTP5-1000	5 Pair 26 AWG Bulk Cable, 1000ft (304.8m) Spool	615.50
CSTP12.5-100	12.5 Pair 26 AWG Bulk Cable, 100ft (30.5m) Spool	155.59
CSTP12.5-500	12.5 Pair 26 AWG Bulk Cable, 500ft (152.4m) Spool	777.93
CSTP12.5-1000	12.5 Pair 26 AWG Bulk Cable, 1000ft (304.8m) Spool	1481.77
CSTP19-100	19 Pair 26 AWG Bulk Cable, 100ft (30.5m) Spool	191.49
CSTP19-500	19 Pair 26 AWG Bulk Cable, 500ft (152.4m) Spool	957.45
CSTP19-1000	19 Pair 26 AWG Bulk Cable, 1000ft (304.8m) Spool	1823.71
CSTP25-100	25 Pair 26 AWG Bulk Cable, 100ft (30.5m) Spool	323.14
CSTP25-500	25 Pair 26 AWG Bulk Cable, 500ft (152.4m) Spool	1615.69

Low Smoke Zero Halogen Data Cable - Double Shielded, 24 AWG Stranded Conductors

Low smoke zero halogen cable reduces the amount of toxic and corrosive gasses emitted during combustion. Typically used in poorly ventilated areas, low smoke zero halogen is becoming very popular with military contractors. Cable construction features 24 AWG stranded tinned copper conductors with high density polyethylene insulation, overall aluminum polyester foil shield with tinned copper braid and a 24 AWG drain wire. Cable jacket color is black. Choose from 9, 15, or 25 conductor cable and 100, 500, or 1,000 foot (30.5m, 152.4m & 304.8m) put ups. L-com will manufacture cable assemblies featuring low smoke zero halogen cable with modest minimum requirements.

CSLSZH09-100	9 Conductor 24 AWG LSZH Bulk Cable, 100ft (30.5m) Coil	89.56
CSLSZH09-500	9 Conductor 24 AWG LSZH Bulk Cable, 500ft (152.4m) Spool	447.82
CSLSZH09-1000	9 Conductor 24 AWG LSZH Bulk Cable, 1000ft (304.8m) Spool	895.65
CSLSZH15-100	15 Conductor 24 AWG LSZH Bulk Cable, 100ft (30.5m) Coil	153.54
CSLSZH15-500	15 Conductor 24 AWG LSZH Bulk Cable, 500ft (152.4m) Spool	767.70
CSLSZH15-1000	15 Conductor 24 AWG LSZH Bulk Cable, 1000ft (304.8m) Spool	1535.40
CSLSZH25-100	25 Conductor 24 AWG LSZH Bulk Cable, 100ft (30.5m) Coil	191.92
CSLSZH25-500	25 Conductor 24 AWG LSZH Bulk Cable, 500ft (152.4m) Spool	959.62
CSLSZH25-1000	25 Conductor 24 AWG LSZH Bulk Cable, 1000ft (304.8m) Spool	1919.25

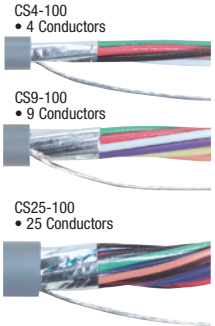
Heavy Duty Double Shielded Multiconductor Data Cable - 20 AWG Conductors, Foil + Braid Shield

Large gauge cable is now available for applications requiring higher current than typical data systems use. Features a dark gray UL2464 listed PVC jacket, aluminum mylar foil shield, tinned copper braid and 20 AWG stranded conductors. Available in 100, 500 or 1,000 foot (30.5m, 152.4m and 304.8m) spools.

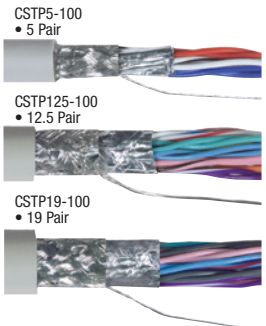
CSCPMS09-100	9 Conductor 20 AWG Double Shielded Bulk Cable, 100ft (30.5m) Coil	237.62
CSCPMS09-500	9 Conductor 20 AWG Double Shielded Bulk Cable, 500ft (152.4m) Spool	1127.18
CSCPMS09-1000	9 Conductor 20 AWG Double Shielded Bulk Cable, 1000ft (304.8m) Spool	2132.50
CSCPMS15-100	15 Conductor 20 AWG Double Shielded Bulk Cable, 100ft (30.5m) Coil	365.57
CSCPMS15-500	15 Conductor 20 AWG Double Shielded Bulk Cable, 500ft (152.4m) Spool	1766.93
CSCPMS15-1000	15 Conductor 20 AWG Double Shielded Bulk Cable, 1000ft (304.8m) Spool	3351.07
CSCPMS25-100	25 Conductor 20 AWG Double Shielded Bulk Cable, 100ft (30.5m) Coil	639.75
CSCPMS25-500	25 Conductor 20 AWG Double Shielded Bulk Cable, 500ft (152.4m) Spool	3046.43
CSCPMS25-1000	25 Conductor 20 AWG Double Shielded Bulk Cable, 1000ft (304.8m) Spool	5788.21



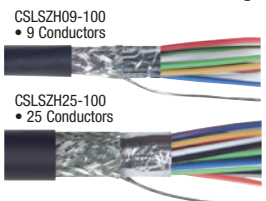
Multiconductor



Bulk Twisted Pair



Low Smoke Zero Halogen



PVC Large Gauge

