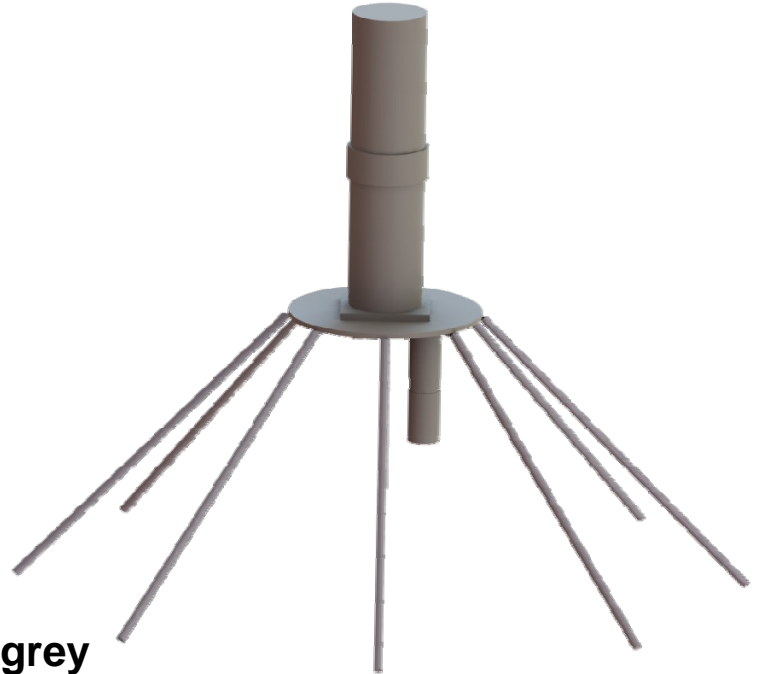




20-30-39
UHF Antenna
225 to 400 MHz

FEATURES

- **Suitable for ship borne, vehicular and fixed base mounting**
- **Robust construction**
- **200 Watts Power handling**
- **Wide Bandwidth**
- **Low VSWR**
- **Designed to MIL-STD-810 environmental conditions**
- **Supplied in Epoxy Lusterless grey**
- **Lightning protected design**



The 20-30-39 is a high performance, wide band UHF antenna intended for ship borne, mast head or fixed shelter installations.

The antenna comprises a basic sleeved unipole design with integral ground plane, the complete assembly being sealed to withstand the challenging environmental conditions experienced in worldwide military operations and aboard ships.

Cooper Antennas Ltd for non-USA customers
Thames Industrial Estate, Unit K, Fieldhouse Lane,
Buckinghamshire SL7 1TB, UK
Tel: +44 (0) 1628 482 360
Email: sales@cooperantennas.com



Australian Representatives
ROJONE, PTY LTD.
Tel: 02 9829 1555
E: sales@rojone.com.au
www.rojone.com.au

SPECIFICATIONS

Cooper Antennas Model 20-30-39

UHF Antenna

ELECTRICAL

Frequency	225 - 400 MHz
Gain (typical)	+2 dBi
VSWR	2.0:1 Max.
Impedance (nominal)	50 Ohms
Power	200 Watts (Average)
Polarization	Vertical
Radiation Pattern	Omni-directional in azimuth
Antenna Connector	N Type female

MECHANICAL

Height	9 inches (229mm) above ground plane
Element Diameter	22.5 inches (572mm)
Mounting Configuration	3/4 - 14 IPS x 1-1/2 inch Threaded Post

FINISH

Antenna	Urethane Lusterless Grey
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Other finish options are available. Please specify finish required when ordering.

Note: Cooper Antennas Ltd has a policy of continuous product improvement and data herein is therefore subject to change. Please check with Cooper Antennas Ltd that this data sheet is at latest issue before initiating contract activity.