



19-30-02
UHF Dipole Antenna
224-318 MHz

FEATURES

- **Designed for shipborne installations**
- **Robust construction**
- **20 Watts CW Power handling**
- **Designed to MIL-STD-810 environmental requirements**
- **Phase and Amplitude matched when supplied in pairs (as 19-30-02PM)**
- **Loss-less matching - high efficiency**
- **Corrosion resistant design.**



The 19-30-02 is a rugged UHF dipole antenna designed for shipborne applications and suitable for use in matched pairs as part of a homing system.

Design comprises a broadband dipole supported on a fibre glass tube with an aluminium alloy base for mounting via a suitable bracket to a vertical mast.

When correctly installed as a homing pair, each dipole will project forward from the mast by approximately 10" and vertical dipole arms should be approximately 10" apart. Each dipole has an N-type female connector projecting from the side of the base.

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SPECIFICATIONS

Cooper Antennas Model 19-30-02

UHF Dipole Antenna

ELECTRICAL

Frequency Range	224 - 318 MHz
VSWR	2:1
Gain (typical)	2 dBi in free space
Power Handling	20 Watts
Connector	N-Type Female

MECHANICAL

Height (to the centre of dipole)	280 mm (11 inches)
Dipole Span	490 mm (19.3 inches)
Weight	0.75kg (1.65 lbs)

FINISH

Antenna	Urethane 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.