



20-50-08
VHF/UHF Magnetic Mount
Communications Antenna
156 - 160 MHz / 450 - 470 MHz

FEATURES

- **Rugged Construction**
- **Low silhouette**
- **Covers two FM bands without tuning**
- **Fully environmentally sealed**
- **4 point magnetic mounting**
- **50 Watts power handling**



The 20-50-08 is a vertically polarized, omni-directional antenna designed for easy deployment on steel roofs and shelters by incorporation of a four point magnetic mounting plate. This antenna has a relatively slim radiating element and has proprietary passive matching over the two frequency bands, thus requiring no external tuning.

The antenna is foam filled and fully environmentally sealed for worldwide conditions of service.

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SPECIFICATIONS

Cooper Antennas Model 20-50-08 VHF/UHF Magnetic Mount Communications Antenna

ELECTRICAL

Frequency	156 - 160 MHz / 450 - 470 MHz
Gain (typical)	+3dBi
VSWR	2:1 max
Impedance	50 ohms nominal
Power	50 watts
Polarization	Vertically Polarized
Antenna RF Connector	TNC Female
Operational Temperature	-40°C to +71°C

MECHANICAL

Fixings	4 x magnetic mounts
Overall Height	13 inches (330 mm) max
Weight	6.6lbs (3kg) max.

FINISH

Finish	Lusterless Black Urethane
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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.