



20-40-01
Hand-held L-Band Dipole
1.0 GHz to 1.4 GHz

FEATURES

- **Lightweight**
- **Rugged**
- **Wide Bandwidth**
- **Optional plug-on tripod available**
- **Optional plug-on vehicle mount available**
- **Excellent Gain**
- **Low VSWR**
- **25 watts**



The 20-40-01 is a lightweight “hand-held” dipole covering L-band data link frequencies. A 1.5 inch diameter ball on the base of the antenna makes for easy hand-held operation and can also be plugged into a roof mount adaptor (magnetic base or CECOM pattern) or a lightweight tripod where a rapid deployment base station is required. The glass loaded composite antenna base supports a very efficient, centre fed dipole to provide excellent omni-directivity and gain over 1.0 to 1.4 GHz

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Cooper Antennas Ltd is Accredited to: ISO9001, AS9100, ISO14001 and MAA Approved

SPECIFICATIONS

Cooper Antennas Model 20-40-01 Hand-held L-Band Dipole

ELECTRICAL

| | |
|------------------------|-------------------|
| Frequency | 1.0 GHz - 1.4 GHz |
| Gain (typical) | +1 dBi |
| VSWR | ≤ 1.5:1 |
| Impedance (nominal) | 50 Ohms |
| Power | 25 Watts |
| Polarization (nominal) | Vertical |
| Antenna RF Connector | TNC Female |
| Temperature | -54°C to +70°C |

MECHANICAL

| | |
|------------------|--------------------|
| Height | 9 inches (229 mm) |
| Diameter | 2.5 inches (64 mm) |
| Weight (approx.) | 0.75 lbs (0.34 kg) |

FINISH

| | |
|-----------------------|-----------------------------------------------------------|
| Antenna | Lustreless black epoxy paint and black composite material |
| Roof Mount and Tripod | Self coloured black composite material and glass epoxy |

Other finish options are available. Please specify finish required when ordering.



With optional roof mount (magnetic)



With optional tripod

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.