

20-30-41 UHF Antenna 400 to 450 MHz

## FEATURES

- Lightweight
- CECOM Mounting base
- Robust construction
- · 200 Watts CW
- + 2 dBi Gain
- Wide Bandwidth
- To MIL-STD-810 environmental conditions
- Supplied in Desert Sand or NATO Green

The 20-30-41 is a high performance, CECOM plate mounted antenna intended for vehicular, ship borne or fixed shelter installations.

The antenna acts as a center fed dipole, with its lower element also acting as an RF choke to minimize pattern corruption from different mounting circumstances.

Lossless matching and the geometry of the antenna feed arrangement combine to produce a very efficient UHF antenna covering the frequency band of 400 - 450 MHz.



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Non Col

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

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# SPECIFICATIONS Cooper Antennas Model 20-30-41 UHF Antenna

## ELECTRICAL

Frequency 400 - 450 MHz   Gain (typical) +2 dBi   VSWR ≤ 2.5:1   Impedance (nominal) 50 Ohms   Power 200 Watts CW   Polarization Linear - vertical when vertically mounted   Antenna Connector N Female   MECH→CL   Import 46.5 inches (1181mm)   Element Diameter 2.25 inches (57mm)   Support 1.5 inches (38mm)   Base 5.5 inches (140mm) [4 holes on 4.5 inches (114mm) circle to CECOM standard pattern)   Weight 6 lbs (2.7kg)		
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	Base	· / •
FINISH	Weight	6 lbs (2.7kg)
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### Antenna

**Urethane Desert Sand** 

### 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.