



**20-30-08-2**  
**Hand-held Quick Fold Yagi Array**  
**420 MHz to 512 MHz**

## FEATURES

- **Lightweight and portable**
- **Rugged**
- **Covert**
- **Includes lightweight plug-on tripod**
- **Optional plug-on vehicle mount**
- **Excellent Gain and Directivity**
- **Low VSWR**
- **10 watts**



The 20-30-08-2 is a light-weight, foldable, rapid deployment hand held UHF antenna designed for missions requiring narrowband directional operation. The antenna folds and unfolds quickly requiring no tools.

A 1.6 inch diameter ball on the base of the antenna makes for easy hand-held operation and is supplied complete with a lightweight tripod for use where a quickly established base station is required. In addition, an optional magnetic base with CECOM pattern fixing flange is also available for mounting on the side of a vehicle. The glass loaded composite antenna base supports a very efficient, side by side yagi array to provide excellent directivity and gain over 420 - 512 MHz.

Available as a “suite” of antennas across different frequency bands.

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# SPECIFICATIONS

## Cooper Antennas Model 20-30-08-2 Hand-held Quick Fold Yagi Array

### ELECTRICAL

Frequency	420 MHz - 512 MHz
Gain (at beam maximum)	+6 dBi (average)
VSWR	≤ 2:1
Impedance (nominal)	50 Ohms
Power	10 Watts
Polarization (nominal)	Vertical (when elements are vertical)
Antenna RF Connector	TNC Female
Temperature	-54°C to +70°C

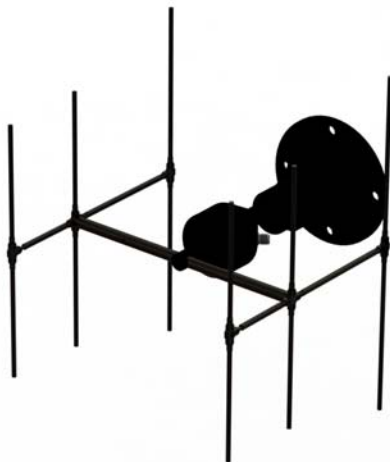
### MECHANICAL

Height	14 inches (356mm)
Length	9.8 inches (250mm)
Weight (approx.)	4.41 lbs (2kg) max

### FINISH

Antenna	Lustreless black Urethane paint and black composite material
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Other finish options are available. Please specify finish required when ordering.



With optional magnetic / CECOM mount



As supplied with lightweight 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.