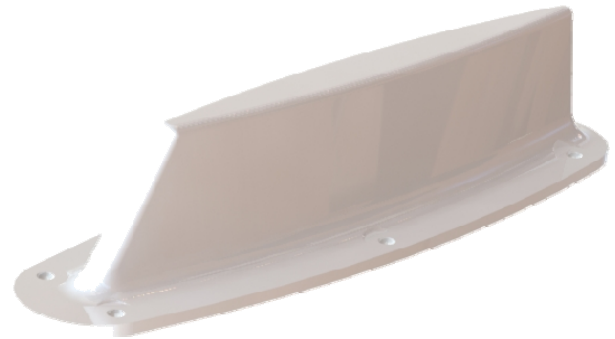




21-20-79
MARKER BEACON
Antenna
75 MHz

FEATURES

- **Lightweight**
- **Small physical size**
- **No tuning required**
- **Designed to MIL-STD-810 environmental conditions**
- **DC Grounded antenna element**
- **Direct replacement for NSN 5985-99-723-2258**



The 21-20-79 is a lightweight Marker Beacon Antenna suitable for Instrument Landing Systems (ILS) installations on helicopters and subsonic aircraft. Its rugged design uses a printed circuit radiating element enclosed within a lightweight glass reinforced composite shell which in turn is bonded into a machined aluminum alloy base plate. This method of construction avoids base delamination problems associated with some other manufacturers designs.

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

SPECIFICATIONS

Cooper Antennas Model 21-20-79 Marker Beacon Antenna

ELECTRICAL

Frequency Range	75 MHz \pm 10 kHz
VSWR	\leq 3.0:1
Impedance (nominal)	50 Ohms
Polarization	Predominantly Horizontal
Radiation	Downward lobe
Antenna RF Connector	BNC Female

MECHANICAL

Construction	Fiberglass shell/ Aluminum base
Height	1.9 inches (48.3mm)
Length	9 inches (228.6mm)
Weight	0.75 lb (0.34kg) max
Base Plate Shape	Oval
Fixing Holes	0.234 / 0.208 inches (5.9 / 5.3mm) holes , counter bored 0.5 inches (12.7mm)

FINISH

Antenna	Gloss white urethane paint
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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.**