

10-171

CHELTON

MLS Stub Antenna

Key features:

- PEEK shell
- Low Profile

The 10-171 and 10-172 antennas have been designed to give omnidirectional and directional patterns, respectively, at aircraft Microwave Landing Systems (M.L.S.) frequencies.



10-171

ELECTRICAL

Frequency Range (MHz)	5000 - 5100
Impedance	50 Ω
VSWR	1.5:1
Polarisation	Vertical
Radiation	Omnidirectional

MECHANICAL

Dimensions (LxWxH)	100 x 44 x 22 mm
Weight	0.05 kg
Connector	TNC Female
Platform(s)	Air

ENVIRONMENTAL

Standard	DO-160
Continuous Operating Temperature	- 55°C Min + 85°C Max
Altitude	70000 ft
Vibration	RTCA DO-160B, Sect 8, modified

