

12-190-61

CHELTON

V/UHF Tuneable Blade Antenna

Key features:

- Multi-Band Tuneable
- Lightning Protection
- Gain of -14.5dBi at 30MHz
- Guard performance at 121.5 MHz and 243MHz in all bands.
- Lightning Protected

Type 12-190-61 is a low profile, high efficiency, PIN diode tuned, antennas. Intended for general airborne application, and operating over the frequency ranges 30 MHz to 88 MHz, 108 MHz to 174 MHz and 225 MHz to 400 MHz. Similar to 12-190-60, but with 8 mounting holes.



ELECTRICAL

Frequency	30 - 400
Impedance	50 Ω
VSWR	30- 88 MHz: $\leq 2.5:1$
Gain	30 MHz: ≤ -14.5 dBi
Polarisation	Vertical
Radiation Pattern Azimuth	Omnidirectional

MECHANICAL

Dimensions (LxWxH)	315 x 71 x 235 mm
Weight	1.6 kg
Connector	TNC female

ENVIRONMENTAL

Environmental	MIL-STD-810
Continuous Operating Temperature	- 54°C Min + 71°C Max
Vibration	MIL-STD-810D, Method 514.3, Procedure 1

