

19-452

CHELTON

MUOS UHF SATCOM Antenna
225 MHz - 1627 MHz



Key features:

- **Combined UHF SATCOM, L1 GPS and Iridium in a single antenna**
- **MUOS compatible**

The 19-452 is a combined UHF Satcom, L1 GPS and Iridium antenna intended to provide communications in general subsonic airborne applications.

ELECTRICAL

Frequency Range	225 - 1627 MHz
Impedance	50 Ω
Return Loss VSWR	Low Angle Satcom: > 9.5 dB (VSWR < 2.0:1)
Gain	Low Angle Satcom: > 0 dBi
Polarization	Low Angle Satcom: Predominantly linear vertical
Radiation Pattern Azimuth	Low Angle: Essentially omnidirectional in azimuth

MECHANICAL

Connectors	TNC Female
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ENVIRONMENTAL

Temperature	-54°C to +55°C
Altitude	50,000 ft

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