

## AVS - 2 Extra Strength Collinear Antenna

SVP Broadcast Microwave AVS vertically polarized omni antennas are designed for applications requiring extra strength, particularly for vehicle roof applications (to withstand tree branch impacts) and for fixed-wing aircraft installations (to withstand higher windspeeds than in a helicopter operation).

This antenna is dual band. It covers the 2 GHz and 5 GHz bands and it has a connector for each band. The 4-hole base plate design provides a common installation for commercial airline application.

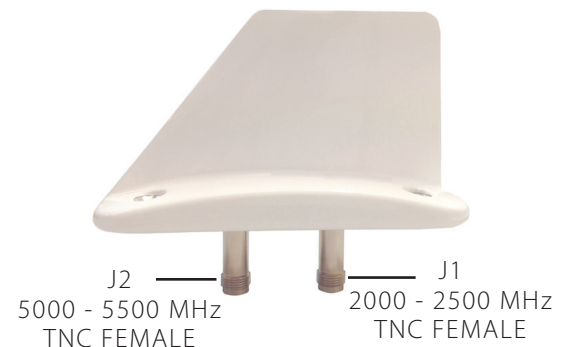
The specifications are: MIL-HDBK-5400, MIL-STD-810, MIL-E-5272C, MIL-A-7772B, RTCA / DO-160E.



## Characteristics

Band	C-band
Frequency Range	J1: 2.000-2.500 MHz J2: 5.000-5.500 MHz
VSWR	< 2.0:1
Polarization	Vertical
Impedance	50 Ohms
Power Handling	50 Watts Continuous
Lightning Protection	DC grounded
Weight	198,45 g
Width	50,80 mm
Length	130,05 mm
Material	6061-T6 aluminum / Thermoset Plastic
Finish	Skydrol Resistant Polyurethane Enamel
Connector	TNC Female (2)
Temperature	-54 to 85 °C
Vibration	10 Gs
Side Load	10 PSI
Altitude	-1.800 to 70.000 ft.

\* Other frequencies available



Design and specifications are subject to changes without prior notice. 05/15