

UHF S65-8282-650



DESCRIPTION

S65-8282-650: Wideband Network Waveform Antenna, 225-2500 MHz.

Wideband antenna designed for JTRS, Wireless LAN, UHF, and L-band applications. The antenna design provides a 0 dB or greater peak gain across the bandwidth.

DC grounded, hermetically sealed. The molded radome provides enhanced protection against rain, ice, and lightning strikes.

FEDERAL & MILITARY SPECS: MIL-STD-810, MIL-HDBK-5400, MIL-E-5272, MIL-A-7772, MIL-A-6271, and MIL-A-9094.



SPECIFICATIONS			
ELECTRICAL			
Frequency	225-2500 MHz		
VSWR	225-500 MHz <2.5:1	500-960 MHz <2.0:1	1220-2500 MHz <2.0:1
Pattern	Omni/AZ; Cos/EL		
Polarization	Vertical		
Impedance	50 Ohms		
Power	50 Watts		
Lightning Protection	DC Grounded		
MECHANICAL			
Weight	2.3 lbs		
Dimensions	10.00" H, 10.94"L, 3.50" D		
Material	Aluminum Alloy 6061-T6 Machined Base		
Finish	Skydrol Resistant Enamel		
Connector	Type TNC Female		
Drag	Mach .85 @ 35,000 ft. = 2.8 lbs.		
ENVIRONMENTAL			
Side Load	6 psi		
Temperature	-54°C(-65°F) TO +71°C(+160°F)		
Vibration	10 G's		
Altitude	55,000 ft.		

