

UHF S65-1024



DESCRIPTION

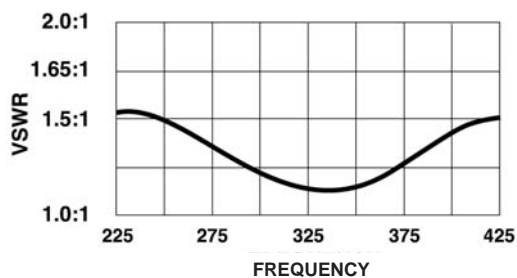
S65-1024: High-powered UHF, receive-only, antenna. It is constructed from aluminum casting that is internally supported to offer maximum sideload effect and resistant to extreme temperatures.

The antenna is hermetically sealed and highly resistant to erosion. It is compatible with AWACS UHF communications.

NSN: 5985-01-024-9204

FEDERAL & MILITARY SPECS: FAA TSO C129, DO-160C, MIL-DTL-5541, MIL-E-5400 and MIL-STD-810.

PERFORMANCE



SPECIFICATIONS	
ELECTRICAL	
Frequency	225-400 MHz
VSWR (50 Ref.)	2.0
Polarization	Vertical $\pm 15^\circ$
Gain (Antenna)	≥ 0 dBi (Avg. $\pm 15^\circ$) 7 dB (min. gain within 7 dB of avg. or med.)
Pattern	360° Azimuth / $\pm 15^\circ$ Elevation
EMP Protection	Yes
Efficiency	> 85%
Roll off	60 dB / decade (below 225 MHz)
MECHANICAL	
Weight	2.5 lbs.
Height	8.92 in.
Length	6.75 in.
Material	356-T6 Aluminum Casting
Finish	Polyurethane Enamel
Connector	SC Female
ENVIRONMENTAL	
Temperature	-55°C (-67°F) to +85°C (+185°F)
Altitude	55,000 ft.

