

WSA-1660-5

1.6-6 (5") L-C Sector Antenna

DESCRIPTION

The ultra-lightweight WSA-1660-5 is a broadband antenna that is optimized for frequencies from 1.6 to 6.0 GHz.

This flight qualified antenna provides medium gain and sector coverage.

Applications include signal intelligence (SIGINT) and multi-band communication.



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SPECIFICATIONS

ELECTRICAL

Frequency Band	1.6 GHz to 6.0 GHz
VSWR	< 3.0 : 1 at 1.7 to 1.8 GHz < 2.0 : 1 at 1.8 to 6.0 GHz
Polarization	Linear
Gain	+2 dBi to +14 dBi
Power	25+ Watts CW
Ground Plane	Ground Plane Independent
Connector	SMA Female

ENVIRONMENTAL

Shock	MILSTD 810F, 20G
Vibration	RTCA/DO-160
Operational Temp.	-31°F to +185°F (-35°C to +85°C)

MECHANICAL

Weight	8.5 oz (0.24 kg)
Dimensions	4.57" L x 2.5" W x 3.7" H (11.6 cm L x 6.35 cm W x 8.56 cm H)
Mounting	90° Angle Mounts
Finish (Default)	F63W25 White Polyurethane Enamel

MODEL NUMBERS

White Color	WSA-1660-5
Black Color	WSA-1660-5-B
Tan 686A Color	WSA-1660-5-T
Green 383 Color	WSA-1660-5-G
Aircraft Gray Color	WSA-1660-5-AG