

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.



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

SPECIFICATIONS

ELECTRICAL

| | |
|----------------|--|
| Frequency Band | 1.6 GHz to 6.0 GHz |
| VSWR | < 2.0 : 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 | 6.04 oz (0.18 kg) |
| Dimensions | 4.57" L x 2.5" W x 3.37" H (11.6 cm L x 6.35 cm W x 8.56 cm H) |
| Mounting | 90° Angle Mounts |
| Finish (Default) | F63W12 White Polyurethane Enamel |

MODEL NUMBERS

| | |
|---------------------|---------------|
| 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 |