**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.

**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

**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

**ENVIRONMENTAL**

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

**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