

Dual Polarization Sector Antenna



The FXSP5.0-6.0-D-HV is a dual input, dual polarization, adjustable sector panel antenna that is designed to be used with military, commercial, and other communication platforms where reliability is needed most. The antenna works with all radios within the 5000-6000 MHz band.

The antenna is designed to provide maximum Data, Video & Voice performance whether used in a MIMO or Diversity Polarization configuration.

This antenna is provided with state-of-the-art radiating elements essential for maximum reliability and superior performance. In addition this antenna comes supplied with an independent set of beam forming directors which allows the user to adjust for optimal coverage separately for both the Horizontal and Vertically Polarized sections.

Robust and tough, this antenna is housed in a thick UV stable radome and is constructed from corrosion resistant materials for reliability in the harshest environments.

- **Dual Polarization**
- **Independent beam width settings 60°, 90°, and 120° for Azimuth coverage**
- **Tower Space Reduction**
- **Designed for ultra high speed Data Rates**
- **Plug & Play Design**
- **Factory set for 90°**



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Specifications

ELECTRICAL:

Frequency Range:	5000-6000 MHz
Gain:	14 dBi +/- .5 @ 60° 13 dBi +/- .5 @ 90° 12 dBi +/- .5 @ 120°
VSWR:	< 2:1 Operational
Input Impedance:	50 Ω Nominal
Power:	25 Watts Max
Polarization:	Horizontal & Vertical
Radiation Pattern:	Azimuth: 60°, 90° or 120° Elevation: 20°
Input Connector:	(2) Type N Female



MECHANICAL:

Overall Height:	24 in. (.61 m)
Maximum Wind Load:	125 mph (201 km/h)
Net Weight:	2 lb. (.91 kg) Including Mount
Color:	Black/Green/Tan/Grey
Mounting:	Mast 1.25 - 2.00 in. OD (32 - 51 mm OD) Adjustable Tilt +/- 25°

**All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.

**Specifications are subject to change without prior notice.



Made in the USA
ISO 9001:2008 Certified
(1Y18650)

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