

The FXSP4.4-6.0-16-D features high gain, true dual polarization and wideband capabilities. The antenna can be easily installed and is designed to support extreme high volume data rates, equal bit data streams and low BER. Featuring a frequency range of 4400 to 6000 MHz, the FXSP4.4-6.0-16-D bridges the gap between the Military, Homeland Security and commercial markets.

Features

- Point-to-Point
- Reduces Latency
- Higher Spectral Efficiency
- Backhaul & Network Bridge
- Reduced Bit Error Rate (BER)
- Robust & Tough Low Profile

Electrical Specifications

Frequency	4400-6000 MHz
Polarization	Vertical and Horizontal
Impedance	50 Ω Nominal
VSWR	< 2.0:1 Typical
Gain	16 dBi +/- .5
Radiation Pattern	Azimuth 37° Elevation 25°
Isolation	32-40 dB
Power	30 Watts max
Connector	(2) Type N Female

Mechanical Specifications

Radome	Polycarbonate
Backplane	T6 Aluminum
Mechanical Tilt	+15°/ -25°
Wind Survivability	150 MPH
Humidity	100% Condensing
Universal Mounting	Pipe (1.5"-2") Wall (bracket included) Stainless Steel Bracket & U-Bolts

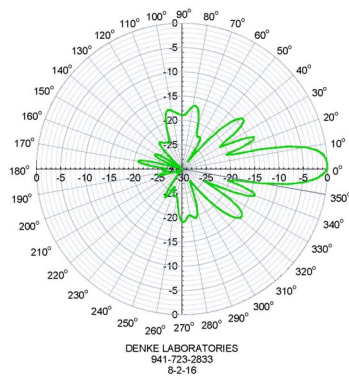
**All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.

**Specifications are subject to change without prior notice.



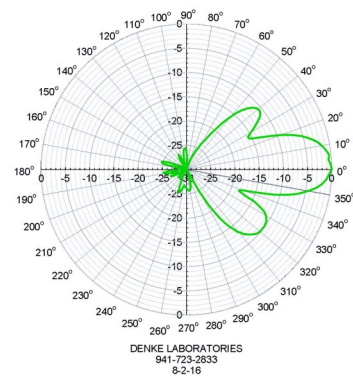
Elevation Pattern

FXSP4.4-5.0-D-HV

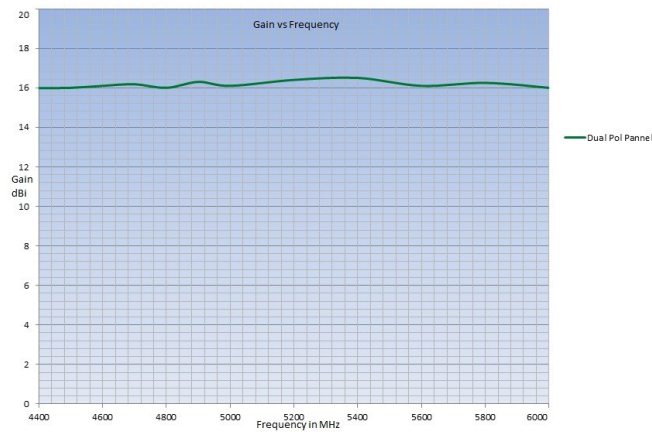


Azimuth Pattern

FXSP4.4-5.0-D-HV



Gain



VSWR

