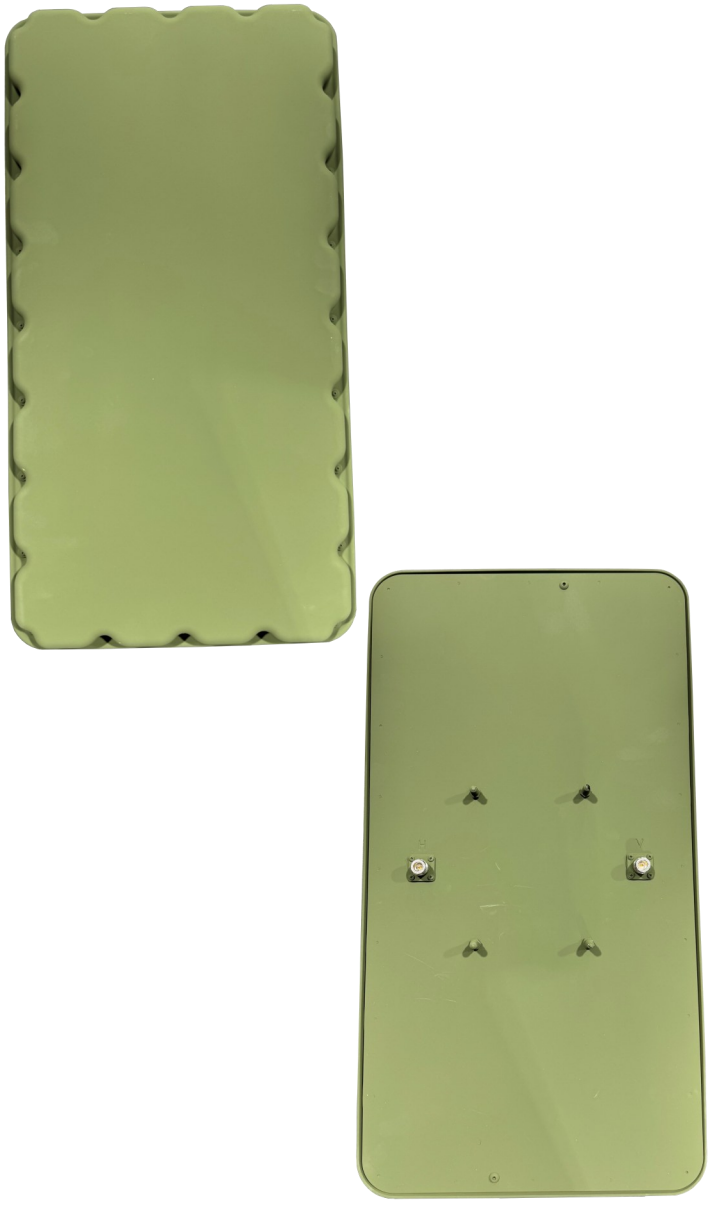
FXSP2.2-2.5/4.4-5.0-D
2200-2500 & 4400-5000 MHz
Sector Panel Antenna

The Hascall-Denke FXSP2.2-2.5/4.4-5.0-D is a dual S and C-Band 2 Port sector panel antenna specifically designed for communications platforms operating between 2200-2500 & 4400-5000 MHz. This antenna features 16 dBi of gain and true dual polarization. It is housed in a UV stable polycarbonate radome and constructed with corrosion resistant materials for superior performance and maximum reliability in the most extreme environments.



Features

- Flat Thin Design
- Lightweight
- Ultra-High Throughput Ready
- Low (BER) Capable

Electrical Specifications

Frequency	2200-2500 & 4400-5000 MHz
Polarization	Horizontal & Vertical
Impedance	50Ω Nominal
VSWR	1.5:1 Typical; 2:1 Max
Gain	16 dBi +/- 0.5
Radiation Pattern	Azimuth 54° Elevation 12°
Isolation	30 dB
Power	50 Watts Peak
Connector	(2) Type N Female

Mechanical Specifications

Design	Sector Panel
Dimensions	Width 12.9 in (0.33 m) Height: 24.2 in (0.61 m)
Radome	Polycarbonate
Weight	7.33 lb (3.33 kg)
Operational Temperature	-40° to +80° C (-40° to +176° F)
Color	Black/Green/Tan/Grey/White

**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.

FXSP2.2-2.5/4.4-5.0-D

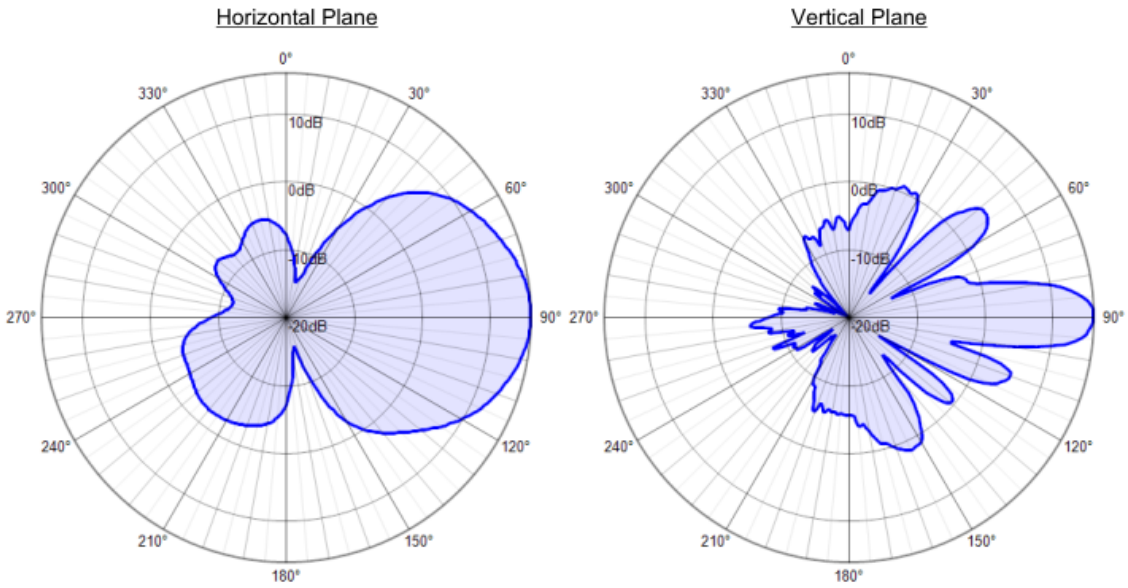
2200-2500 & 4400-5000 MHz

Sector Panel Antenna

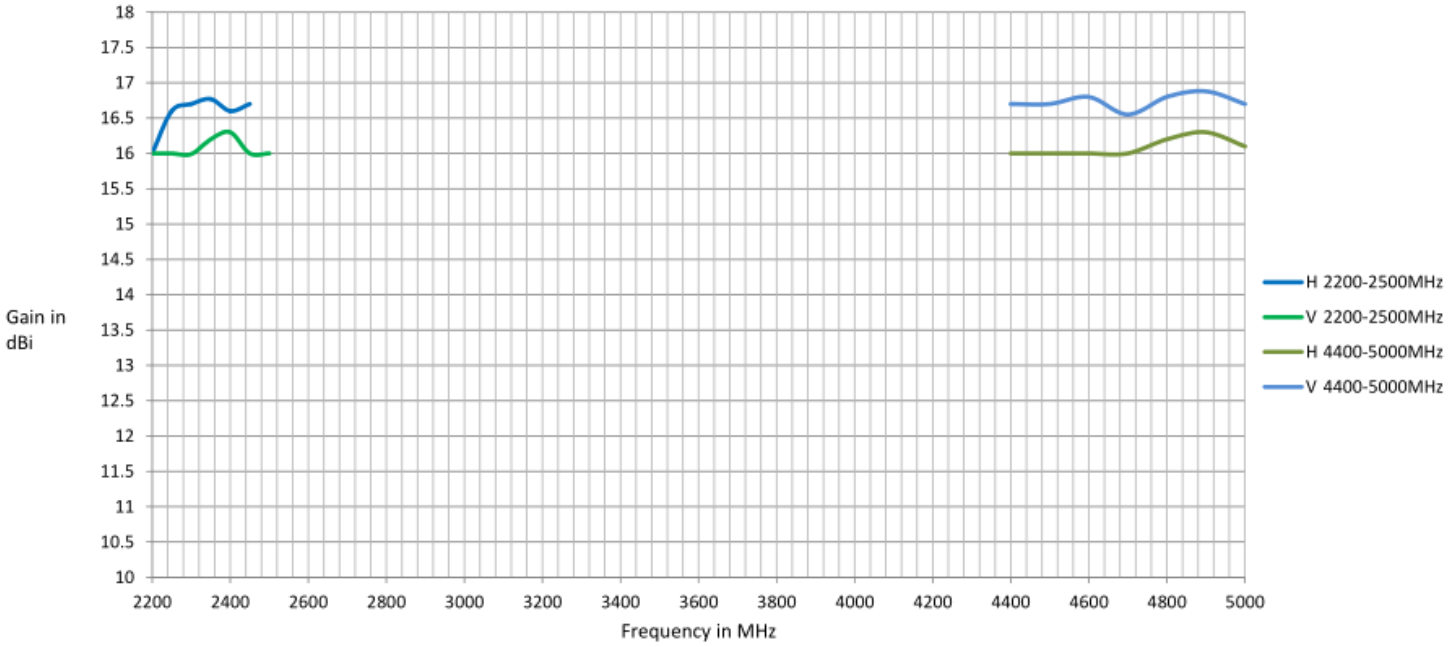
Pattern

2200-2500

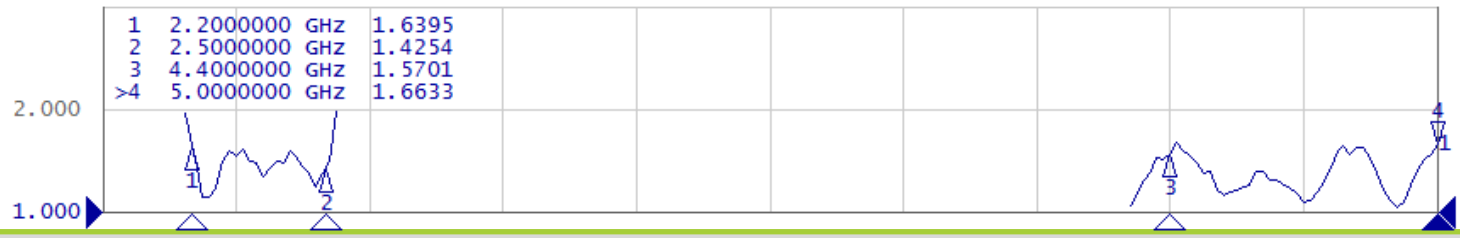
Horizontal



Gain



VSWR



Made in the USA

ISO 9001 Certified

Form F042, Rev: A

www.hascall-denke.com

12285 U.S. Highway 41 N., Palmetto, FL 34221

1-800-473-2139

1Y58150

FXSP2.2-2.5/4.4-5.0-D

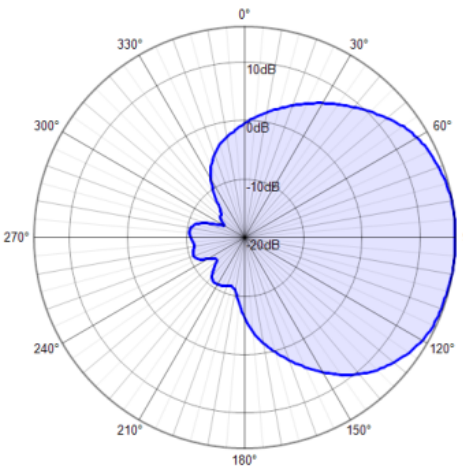
2200-2500 & 4400-5000 MHz

Sector Panel Antenna

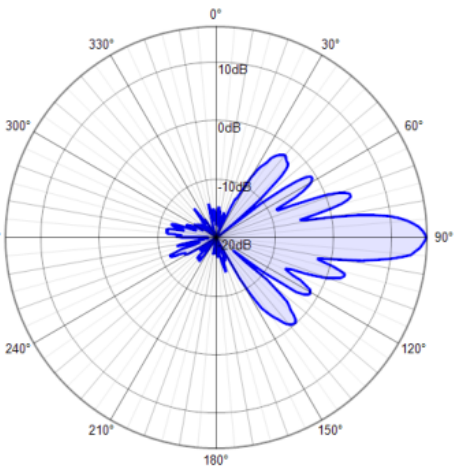
Additional Patterns

2200-2500 Vertical

Horizontal Plane

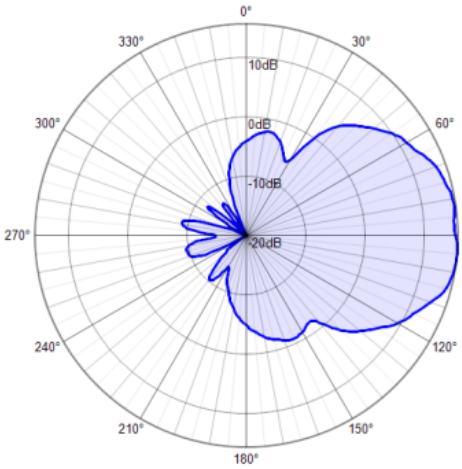


Vertical Plane

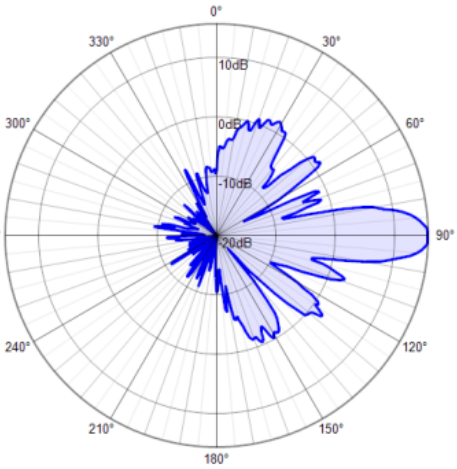


4400-5000 Horizontal

Horizontal Plane

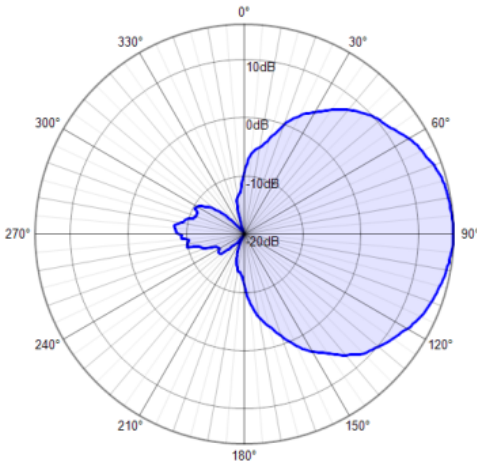
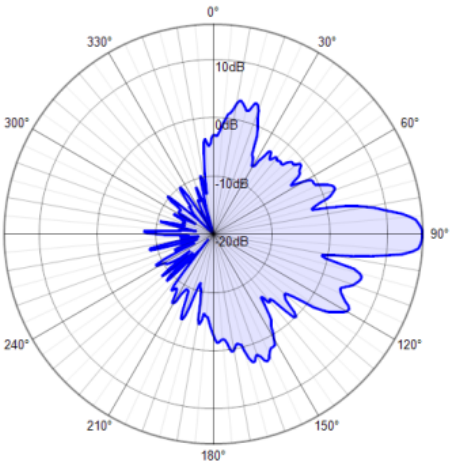


Vertical Plane



4400-5000 Vertical

Horizontal Plane



Vertical Plane