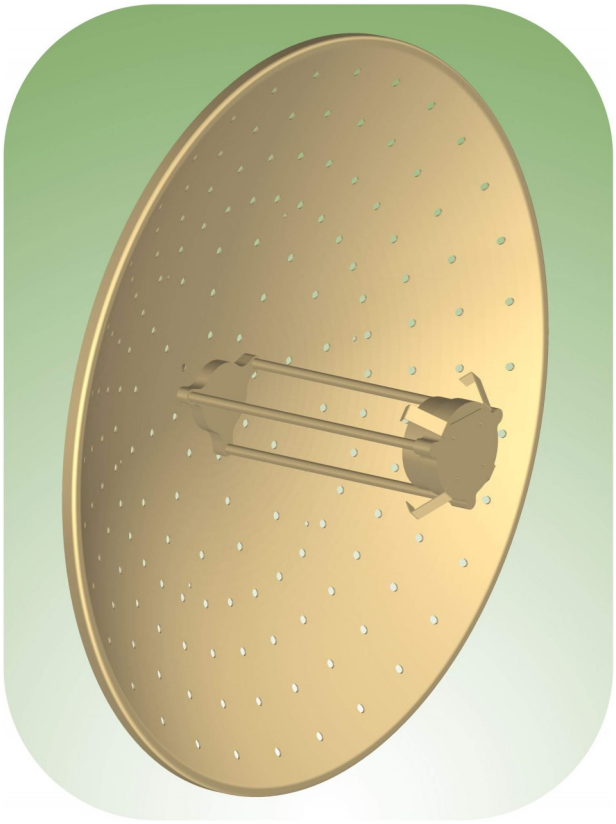
HASCALL-DENKE
THE WORLD'S ANTENNA SOURCE.

4400-5000 MHz
FXPR4.4-5.0-D

Dual Polarization Parabolic Antenna



Fixed Mount

This antenna is designed to be used in military, industrial, commercial, and other applications where reliability is needed most. Broadband or individual frequencies operating in the 4400-5000 MHz band.

The antenna, provided with a unique set of radiating elements, allows for maximum reliability and superior performance over traditional single input antennas. Dual polarization reduces the impact from multi-path attenuation and improves quality of signals received

"Dual Polarized", Optimized for high density, High speed , and Streaming Media. Increase your spectral efficiency thru polarized multiplexing while lowering channel correlation.

Robust and tough, built to military standards and now offered to the industrial-commercial industries. The antenna is constructed from corrosion resistant materials for high reliability in the harshest environments.

- Optimized for High Density Data Flow
- Reduction of Multi-Path Attenuation
- Backhaul, Point-to-Point, Spot Illumination
- Greater Spectral Efficiency
- Reduction in tower loading
- Tactical or Fixed Mount Options

Made in the USA
ISO 9001:2015 Certified
(1Y34550)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

HASCALL-DENKE
THE WORLD'S ANTENNA SOURCE.

4400-5000 MHz
FXPR4.4-5.0-D

Dual Polarization Parabolic Antenna

Specifications

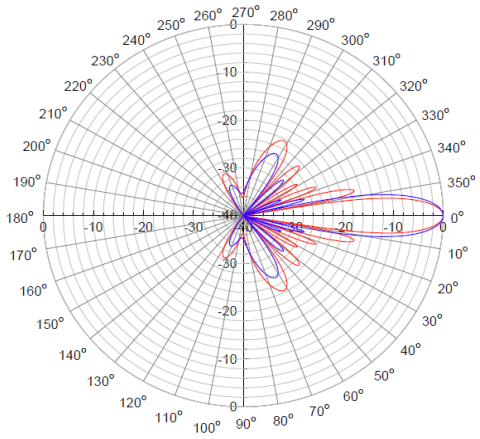
ELECTRICAL:

Frequency Range:	4400-5000 MHz
Gain:	29 ~ 30 dBi +/- .5
VSWR:	2.0:1 Typical
Input Impedance:	50 Ω Nominal
Power:	30 Watts
Polarization:	Dual Polarization
Port-to-Port Isolation:	32 ~ 45 dB Typical
Radiation Pattern:	Azimuth: 5° (Mid Band) Elevation: 5° (Mid Band)
Input Connector:	(2) Type N Female

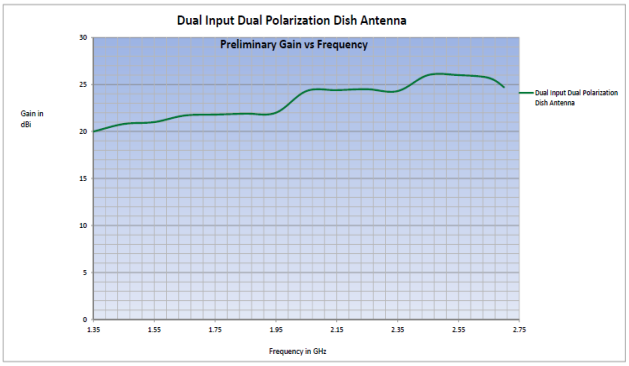
MECHANICAL:

Depth:	23 in. (.59 mm)
Diameter:	32 in. (.82 m)
Net Weight:	25 lb. (11.5 Kg) Tactical Mount 40 lb. (18.2 Kg) Fixed Mount
Operational Temps:	-40° to +185°F (-40° to +85°C)
Color:	Black/Green/Tan/Grey/White
Mounting:	Pipe Mast, Wall, or Special

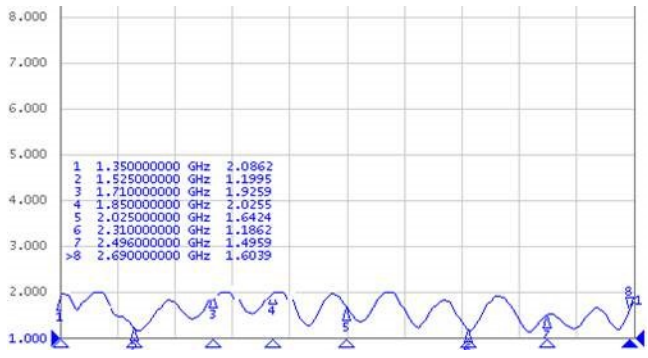
ANTENNA PATTERN



Gain vs Frequency



VSWR



****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 9001:2015 Certified
(1Y34550)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com