

## Dual Polarization Omnidirectional Antenna



The FXDP4.4-5.0-9-D antenna is designed to be used in military, commercial, and other applications where reliability is needed most. This antenna works with all radios within the 4400-5000 MHz band.

The antenna is provided with state-of-the-art radiating elements essential for maximum reliability and superior performance. Typical Port-to-Port Isolation ranges from 34 ~ 45 dB.

Being “ground independent”, this antenna can be used on all types of structures (metal or non-metal) with no degradation in performance.

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



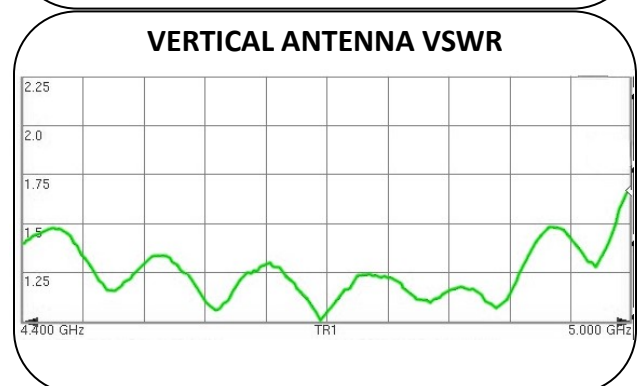
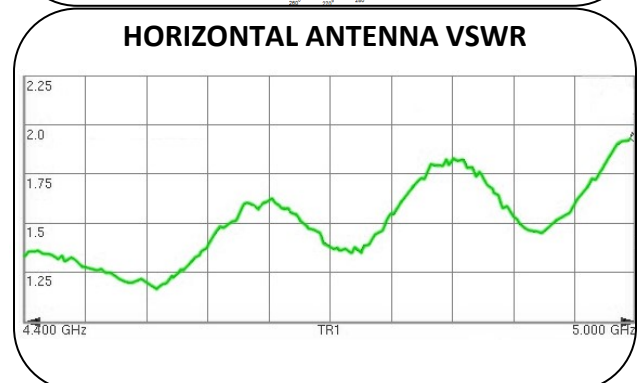
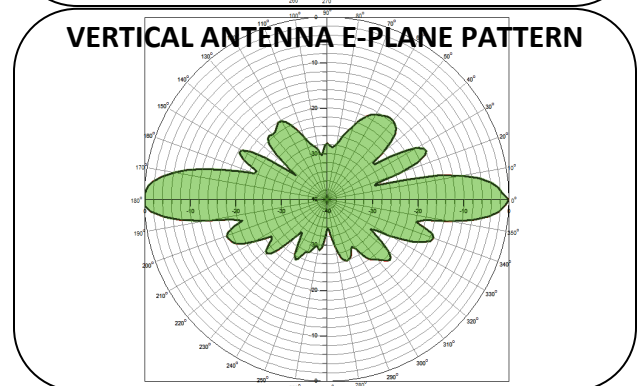
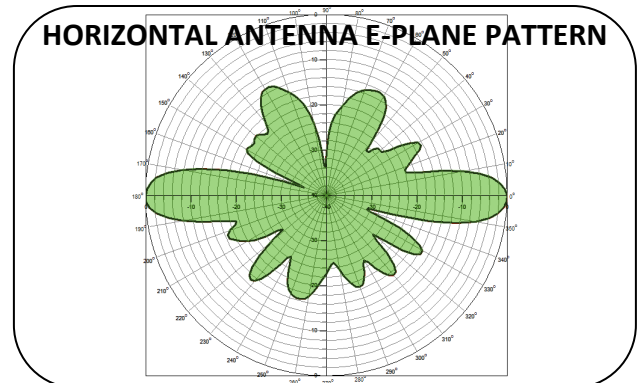
# Dual Polarization Omnidirectional Antenna Specifications

## ELECTRICAL:

<b>Frequency Range:</b>	4400-5000 MHz
<b>Gain:</b>	9.0 dBi +/- .5
<b>VSWR:</b>	2.0:1 Maximum
<b>Input Impedance:</b>	50 $\Omega$ Nominal
<b>Power:</b>	27 Watts
<b>Polarization:</b>	Horizontal & Vertical
<b>Port-to-Port Isolation:</b>	34 ~ 45 dB Typical
<b>Radiation Pattern:</b>	Azimuth: 360° Elevation: 13°
<b>DC Short:</b>	Yes
<b>Input Connector:</b>	(2) Type N Female

## MECHANICAL:

<b>Overall Height:</b>	40 in. (1.01 m)
<b>Radome Diameter:</b>	1.5 in. (38.1 mm)
<b>Net Weight:</b>	2.7 lb. (1.22 kg)
<b>Operational Temps:</b>	-40° to +185°F (-40° to +85°C)
<b>Color:</b>	Black/Green/Tan/Grey
<b>Mounting:</b>	UM007T or UM007F Mount (Sold Separately)



\*\*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.



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