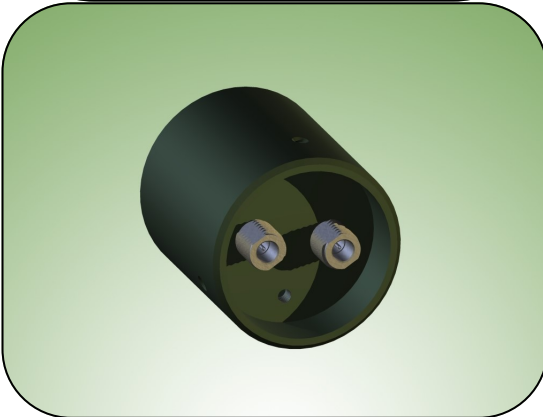


## Dual Input Omnidirectional Antenna



The FXDP2.3-2.5-7/1710-2170 dual band 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 1710-21700 MHz and 2300-2500 MHz band.

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

The antenna is provided with state-of-the-art radiating elements essential for maximum reliability and superior performance.

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

- **Dual Input Design**
- **Tower Space Reduction**
- **Diversity, MIMO or separate radio ready**
- **Superior Isolation**
- **Designed to Reduce BER (Bit Error Rate)**
- **Ideal Pattern/Beam Width and Side Lobe Control**
- **Plug & Play Design**



# Dual Input Omnidirectional Antenna Specifications

## ELECTRICAL:

<b>Frequency Range:</b>	1710-2170 & 2300-2500 MHz
<b>Gain:</b>	4 ~ 5 dBi @ 1710-2170 MHz 6 ~ 7 dBi @ 2300-2500 MHz
<b>VSWR:</b>	< 2:1 Typical
<b>Input Impedance:</b>	50 $\Omega$ Nominal
<b>Power:</b>	35 Watts
<b>Polarization:</b>	Vertical
<b>Radiation Pattern:</b>	Azimuth: 360° Elevation: 25° @ 2300-2500 MHz 42° @ 1710-2170 MHz
<b>Input Connector:</b>	Type N Female

## MECHANICAL:

<b>Overall Height:</b>	36 in. (0.91 m)
<b>Radome Diameter:</b>	1.25 in. (31.8 mm)
<b>Maximum Wind Load:</b>	150 mph (241 km/h)
<b>Net Weight:</b>	3 lb. (1.36 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 UM007 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.**



Made in the USA  
ISO 9001:2008 Certified  
(1Y16200)

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