

Dual Input Omnidirectional Antenna



The FXDP2.3-2.5-7-D dual input 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 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. In addition the set of elements are phased 180° apart for additional isolation performance between the inputs.

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**
- **Designed to Reduce BER (Bit Error Rate)**
- **Superior Isolation with Radiators Phased Apart**
- **Plug & Play Design**



Dual Input Omnidirectional Antenna Specifications

ELECTRICAL:

Frequency Range: 2300-2500 MHz

Gain: 7 dBi +/- .5

VSWR: < 2:1 Typical

Input Impedance: 50 Ω Nominal

Power: 50 Watts

Polarization: Vertical

Radiation Pattern: Azimuth: 360°
Elevation: 23°

Input Connector: Type N Female

Port-to-Port Isolation: -40 dB Typical

MECHANICAL:

Overall Height: 30 in. (0.76 m)

Radome Diameter: 1.25 in. (31.8 mm)

Maximum Wind Load: 150 mph (241 km/h)

Net Weight: 2 lb. (0.90 kg)

Operational Temps: -40° to +185°F
(-40° to +85°C)

Color: Black/Green/Tan/Grey

Environmental to Navy Shipboard: Yes

Mounting: Stainless Steel Base (Pipe/Wall/Mast)
Up to 2" (50.8 mm) Dia. Mast U-Bolt

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**Specifications are subject to change without prior notice.



Made in the USA
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(1Y14850)

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