

Dual Input Omnidirectional Antenna



The FXDP5.0-6.0-7-DAB 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 5000-6000 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:	5000-6000 MHz
Gain:	7 dBi +/- .5
VSWR:	< 2:1 Typical
Input Impedance:	50 Ω Nominal
Power:	50 Watts
Polarization:	Vertical
Radiation Pattern:	Azimuth: 360° Elevation: 17°~ 18°
Input Connector:	Type N Female

Port-to-Port Isolation: -40 dB Typical

MECHANICAL:

Overall Height:	28 in. (0.71 m)
Radome Diameter:	1 in. (25.4 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.



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ISO 9001:2008 Certified
(1Y10150)

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