

The MADP2.1-2.5/4.4-5.9 Dual Band antenna is designed to be used with various radios and communications systems operating in the 2100-2500 & 4400-5900 MHz bands. This antenna allows flexibility for Mobile Networked MIMO (MN-MIMO), ISM, U-NII 1-3, WIFI and LTE-U applications.

The antenna is designed with a state-of-the-art radiating element for maximum efficiency. Built robust and tough, this antenna is housed in a polycarbonate radome and is constructed from corrosion resistant materials for reliability in the harshest environments and also designed to meet the rigors of MIL-STD-810.

Features

- Dual Band
- Consistent Gain across the bands
- Ideal for maritime and mast applications
- Low Vertical Signature

Electrical Specifications

Frequency	2100-2500 & 4400-5900 MHz
Polarization	Vertical
Impedance	50Ω
VSWR	2:1 Typical, 2.5:1 Max
Gain	3 dBi @2100-2500 MHz
Gain	4.5 dBi @4400-5900 MHz
Pattern	Omni Directional
Beamwidth	360° (Az) x 42° (El) @2100-2500 MHz 360° (Az) x 29° (El) @4400-5900 MHz
Power	25 Watts
Connector	Type N (F)

Mechanical Specifications

Design	Dipole
Height	13.375 in. (346 mm)
Radome	1.18 in. x 0.5 in. Elliptical
Weight	8.4 oz ± .25 oz (238 g)
Mounting	1"-14 Nut
1"-14 Nut Torque	75 to 100 in-lbs
Set Screw Torque	30 in-lbs
Color	Black/Green/Tan/Grey/White

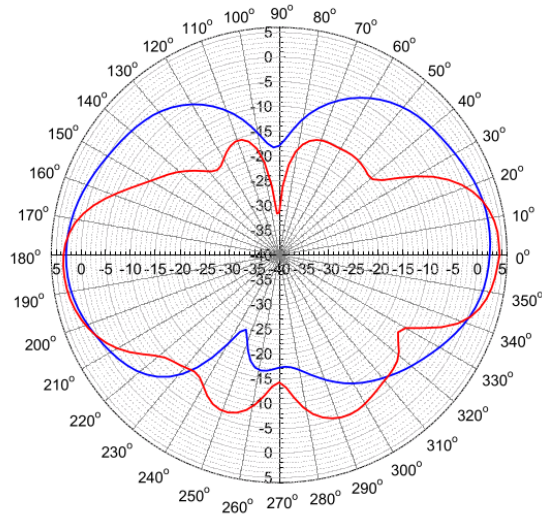


**All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.

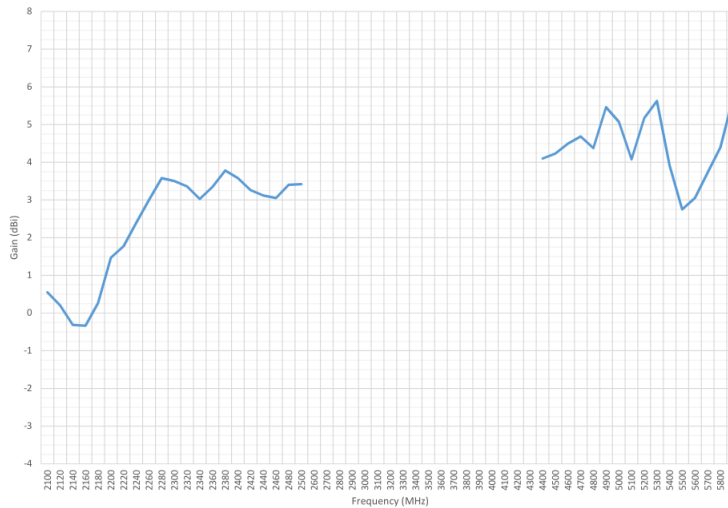
**Specifications are subject to change without prior notice.



Pattern



Gain



VSWR

