

Dual Polarity Directional Antenna System

Wide Band 2300 to 2700 MHz Operation



The OA-2422DP is a 802.11 b/g/n MIMO directional antenna system, which incorporates an aluminum die cast parabolic grid type antenna reflector with a patented 50-ohm passive feed dipole. Installation is simple with adjustable tilt "Heavy Duty" bracket that comes standard. The bracket accommodates poles from 1" up to 2.0" OD. Brackets are full galvanized for extreme corrosion protection and each reflector comes complete with stainless steel hardware and complete assembly instructions. The dipole feed assembly comes with 30" LMR240 pigtail terminated with 2 N Female or RPSMA connectors..

- Small Size/Reduced Shipping Cost
- 50 Ω Passive Feed Dipole
- Wide band frequency
- Heavy Duty Adjustable Tilt Bracket
- 22 dBi Antenna Gain; Dual polarity
- Rugged, Lightweight and Waterproof
- Powder Coat Painted Die Cast Aluminum

General Specifications

Part Number	OA-2422DP
Type	MIMO Directional Antenna
Product Narrative	High Gain, High Data Rate Noise-Reducing <i>Rejection of Interference</i> Geometric Spatial Capture of Signal
General Freq.(MHz)	2300-2700
Impedance	50 OHM
Available Gain(dBi)	22 dBi
Max. Input Power	50 Watts
H. Beamwidth	13 °
Vert. Beamwidth	8 °
Front to Back	> 25dB
VSWR	<1.5type; Max 2.0
Operating Temperature	-45 to +70 °C
Weight	5kg
Pole Diameter (OD)	30-70mm
Wind Load 100MPH	80.5 lbs
140MPH	126 lbs
Termination	Type 2 N Female or RPSMA
Antenna Size	0.6m
Packing Size	120x215mm

Applications

- 2.3-2.7 GHz ISM MIMO Band Applications
- Wireless Internet Access
- Wireless Bridges
- Point to Point Repeaters
- MMDS Applications
- Streaming Video

