

698-2700MHz OUTDOOR DIRECTIONAL DUAL-BAND XX POL ANTENNA



Telecommunication Technology & Engineering Accessories

Rev.V1.1

Specification of the Outdoor Directional Dual-band XX Pol Antenna:

Electrical Specification								
Frequency Range (MHz)	698~824	790~894	880~960	1710~1880	1850~1990	1920-2170	2300-2390	2490~2690
Polarization	±45°	±45°	±45°	±45°	±45°	±45°	±45°	±45°
Gain (dBi)	9.4	9.7	9.8	11.7	12.2	12.4	12.7	13.1
Horizontal Beamwidth (°)	74	72	71	66	66	66	64	62
Vertical Beamwidth (°)	44	39	37	24	23	21	20	18
Front-to-Back ratio (dB)	>20 (180°±30°)							
Cross-Polar ratio (dB)	>17 (0°)							
Isolation: Inter-system (dB)	≥25							
VSWR	≤1.5							
Impedance(Ω)	50							
Intermodulation IM3	≤-150 dBc (2×43dBm carrier)							
Maximum Power (W)	150							
Lightning protection	DC Ground							
Mechanical Specification								
Connector	2XDIN/Female							
Connector Position	Bottom							
Height×width×depth (mm)	416×320×145 (Packing Szie:520×435×290)							
Antenna weight (kg)	5.20							
Packing weight (kg)	7.50 (Installation kit weight: 0.60kg)							
Wind loading	118/34/146							
Reflector material	Fiberglass							
Radome color	Gray							
Operating temperature (°C)	-50~70							
Operational Humidity (%)	≤95							

Product Picture:

