

1710-2690MHz Multibeam Base Station Antenna

Model No.: H-BDX-0003-0018-027-DAT- EF/DF

- Frequency range: 1710-2690MHz
- 0~10° RET
- 4x4 MIMO & double beam application
- Connector options: 4.3-10(f) and 7/16 DIN-F
- IP65 for both indoor and outdoor application



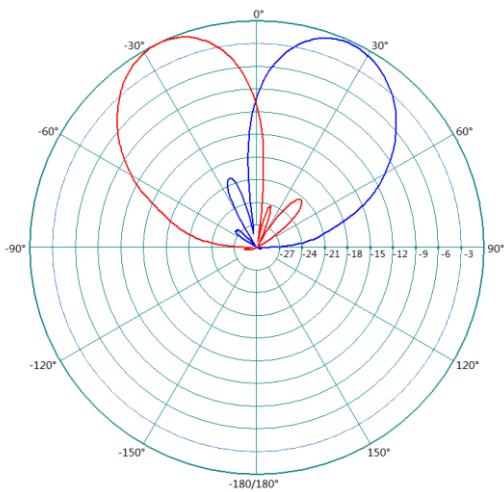
Product Specifications:

Electrical						
Beam1(port1 and port2) / Beam2(port3 and port4)						
Frequency Range, MHz	1710~2170		2171~2300		2301~2690	
	B1	B2	B1	B2	B1	B2
Gain, dBi	18.0	18.0	18.5	18.5	19.0	19.0
Horizontal 3dB Beamwidth(°)	30	30	27	27	24	24
Horizontal Beam pointing(°)	27	-27	25	-25	23	-23
Vertical 3dB Beamwidth(°)	10	10	9	9	8	8
All beams						
Frequency Range, MHz	1710~2170		2171~2300		2301~2690	
Polarization	±45°					
VSWR	<1.5					
ISO between polarizations, dB	25					
Upper Sidelobe Suppression, dB	16					
Front to Back Ratio@180±30°, dB	25					
Electrical Downtilt(°)	0-10°					
PIM 3 rd @ 2*20W, dBc	-150					
Power Rating(W)	250					
Impedance(ohm)	50					
Lightning protection	DC Ground					

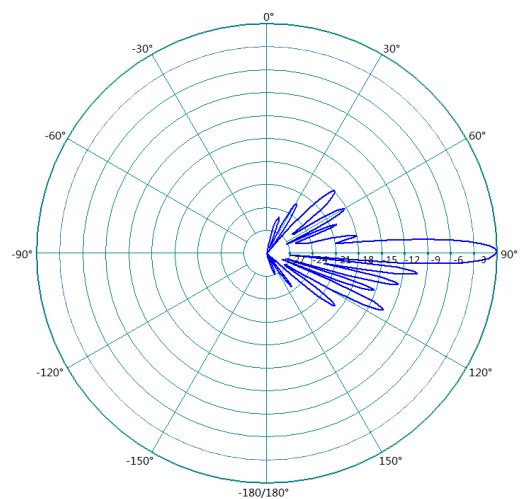
All specifications are subject to change without any notice. Please contact us for the latest information.

Mechanical	
Connector(s)	4 × 4.3-10 Female
Antenna Dimensions, H×W×D, mm	1165 × 326 × 116
Packing Dimensions, H×W×D, mm	1330 × 430 × 255
Net Weight, kg	18
Packaging Weight, kg	28
Diameter of Installation Pole, mm	Φ50~110
Wind Load @ 150 Km/h Front, N	495
Wind Load @ 150 Km/h Side, N	220
Wind Load @ 150 Km/h Rear, N	618
Radome Material	UPVC
Mechanical Downtilt (°)	0~10
Operating Temperature Range(°C)	-40~+70
Ingress protection	IP65
RoHS	Compliant

Patterns



Horizontal



Vertical