

## 698-960MHz Multibeam Base Station Antenna

Model No.: H-BDX-0002-0017-036-D8T-EF/DF

- Frequency range: 698-960MHz
- 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



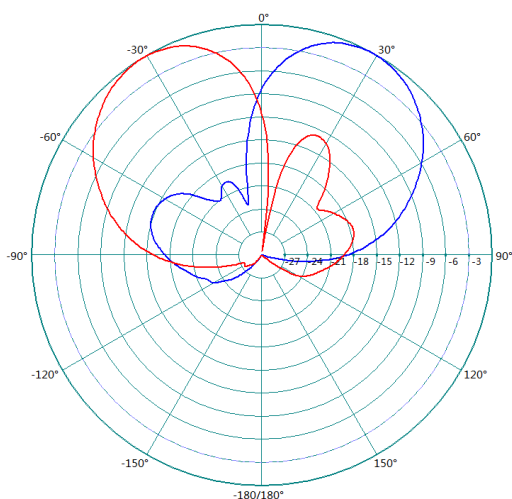
### Product Specifications:

Electrical						
Beam1(port1 and port2) / Beam2(port3 and port4)						
Frequency Range, MHz	698~790		791~880		881~960	
	B1	B2	B1	B2	B1	B2
Gain, dBi	17.0	17.0	17.8	17.8	18.3	18.3
Horizontal 3dB Beamwidth(°)	40	40	36	36	32	32
Horizontal Beam pointing(°)	30	-30	27	-27	25	-25
Vertical 3dB Beamwidth(°)	13.5	13.5	12.3	12.3	11.0	11.0
All beams						
Frequency Range, MHz	698~790		791~880		881~960	
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 <sup>rd</sup> @ 2*20W, dBc	-150					
Power Rating(W)	300					
Impedance(ohm)	50					
Lightning protection	DC Ground					

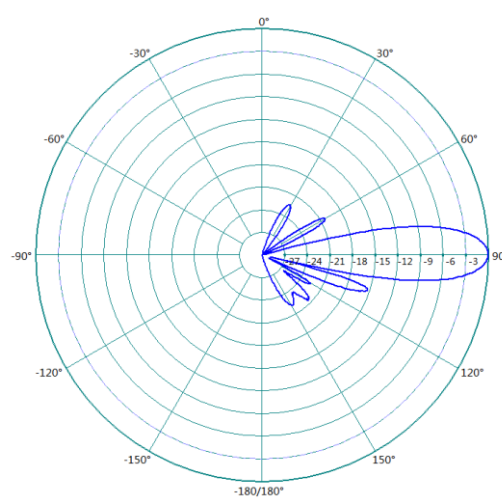
All specifications are subject to change without any notice. Please contact us for the latest information.

Mechanical	
Connector(s)	4 x 4.3-10 Female
Antenna Dimensions, HxWxD, mm	1830 x 565 x 145
Packing Dimensions, HxWxD, mm	1995x665x285
Net Weight, kg	30
Packaging Weight, kg	45
Diameter of Installation Pole, mm	Φ50~110
Wind Load @ 150 Km/h Front, N	1346
Wind Load @ 150 Km/h Side, N	432
Wind Load @ 150 Km/h Rear, N	1683
Radome Material	Fiberglass
Mechanical Downtilt (°)	0~8
Operating Temperature Range(°C)	-40~+70
Ingress protection	IP65
RoHS	Compliant

## Patterns



Horizontal



Vertical