

1710-2690MHz Multibeam Base Station Antenna

Model No.: H-BDX-0003-0020-010-DAT- EF/DF

- Frequency range: 1710-2690MHz
- Six-beam application with 6° FET
- Connector options: 4.3-10(f) and 7/16 DIN-F
- IP65 for both indoor and outdoor application



Product Specifications:

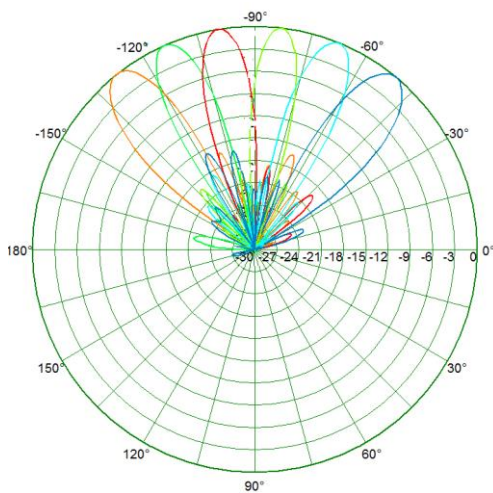
Electrical						
Beam1(port1 and port2) / Beam6(port11 and port12)						
Frequency Range, MHz	1710~2170		2171~2300		2301~2690	
	B1	B6	B1	B6	B1	B6
Gain, dBi	19.5	19.5	20.5	20.5	21.5	21.5
Horizontal 3dB Beamwidth(°)	13	13	11	11	9.5	9.5
Horizontal Beam pointing(°)	43	-43	37	-37	32	-32
Vertical 3dB Beamwidth(°)	16.5	16.5	14.5	14.5	13.0	13.0
Beam2(port3 and port4) / Beam5(port9 and port10)						
Frequency Range, MHz	1710~2170		2171~2300		2301~2690	
	B2	B5	B2	B5	B2	B5
Gain, dBi	20.5	20.5	21.5	21.5	22.5	22.5
Horizontal 3dB Beamwidth(°)	11	11	9.5	9.5	8.0	8.0
Horizontal Beam pointing(°)	24	-24	20	-20	16	-16
Vertical 3dB Beamwidth(°)	15.3	15.3	13.2	13.2	11.8	11.8
Beam3(port5 and port6) / Beam4(port7 and port8)						
Frequency Range (MHz)	1710~2170		2170~2300		2300~2690	
	B3	B4	B3	B4	B3	B4
Gain (dBi)	21.2	21.2	22.2	22.2	23.1.	23.1
Horizontal 3dB Beamwidth(°)	10	10	8.5	8.5	7.0	7.0
Horizontal Beam pointing(°)	8	-8	7	-7	6	-6
Vertical 3dB Beamwidth(°)	14.0	14.0.	12	12	10.5	10.5
All beams						
Frequency Range, MHz	1710~2170		2171~2300		2301~2690	
Polarization	±45°					

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

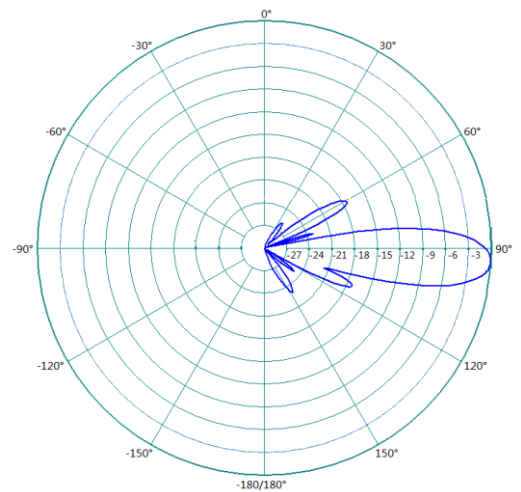
VSWR	<1.5
ISO between polarizations, dB	25
Upper Sidelobe Suppression, dB	16
Front to Back Ratio@180±30°, dB	25
Electrical Downtilt(°)	6, Fixed
PIM 3 rd @ 2*20W, dBc	-150
Power Rating, Watts	250
Impedance, Ohms	50
Lightning protection	DC Ground

Mechanical	
Connector(s)	10 × 4.3-10 Female
Antenna Dimensions, H×W×D, mm	725 × 920 × 90
Packing Dimensions, H×W×D, mm	900 × 1030 × 235
Net Weight, kg	30
Packaging Weight, kg	45
Diameter of Installation Pole, mm	Φ50~110
Wind Load @ 150 Km/h Front, N	869
Wind Load @ 150 Km/h Side, N	106
Wind Load @ 150 Km/h Rear, N	1086
Radome Material	Fiberglass
Mechanical Downtilt (°)	0~10
Operating Temperature Range(°C)	-40~+70
Ingress protection	IP65
RoHS	Compliant

Patterns



Horizontal



Vertical

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