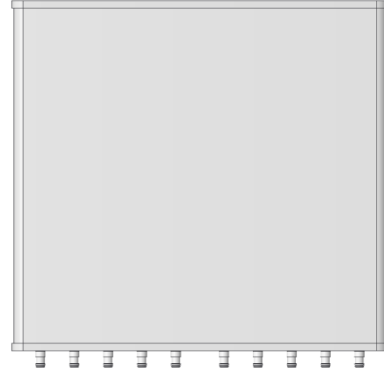


1710-2690MHz Multibeam Base Station Antenna

Model No.: H-BDX-0003-0020-011-D6T- EF/DF

- Frequency range: 1710-2690MHz
- Five-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:

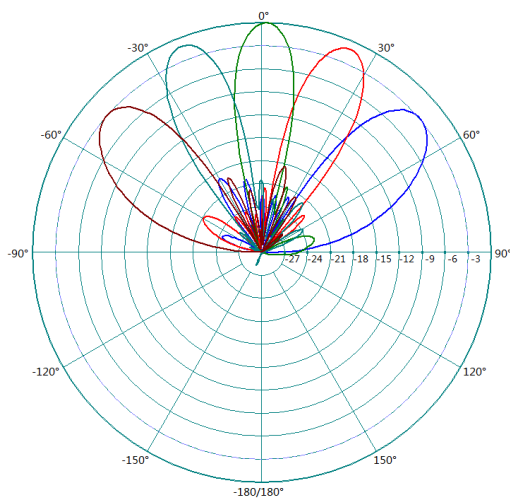
Electrical						
Beam1(port1 and port2) / Beam5(port9 and port10)						
Frequency Range, MHz	1710~2170		2171~2300		2301~2690	
	B1	B5	B1	B5	B1	B5
Gain, dBi	19.5	19.5	20.1	20.1	21.2	21.2
Horizontal 3dB Beamwidth(°)	14	14	12	12	10	10
Horizontal Beam pointing(°)	40	-40	35	-35	30	-30
Vertical 3dB Beamwidth(°)	16.0	16.0	14.0	14.0	12.5	12.5
Beam2(port3 and port4) / Beam4(port7 and port8)						
Frequency Range, MHz	1710~2170		2171~2300		2301~2690	
	B2	B4	B2	B4	B2	B4
Gain, dBi	19.8	19.8	20.4	20.4	21.5	21.5
Horizontal 3dB Beamwidth(°)	13	13	11	11	9	9
Horizontal Beam pointing(°)	24	-24	20	-20	16	-16
Vertical 3dB Beamwidth(°)	15.0	15.0	13.0	13.0	11.5	11.5
Beam3(port5 and port6)						
Frequency Range (MHz)	1710~2170		2170~2300		2300~2690	
	B3		B3		B3	
Gain (dBi)	20.2		20.8		21.9	
Horizontal 3dB Beamwidth(°)	12		10		8	
Horizontal Beam pointing(°)	0		0		0	
Vertical 3dB Beamwidth(°)	14.0		12.0		10.5	
All beams						
Frequency Range, MHz	1710~2170		2171~2300		2301~2690	
Polarization	±45°					
VSWR	<1.5					
ISO between polarizations, dB	25					

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

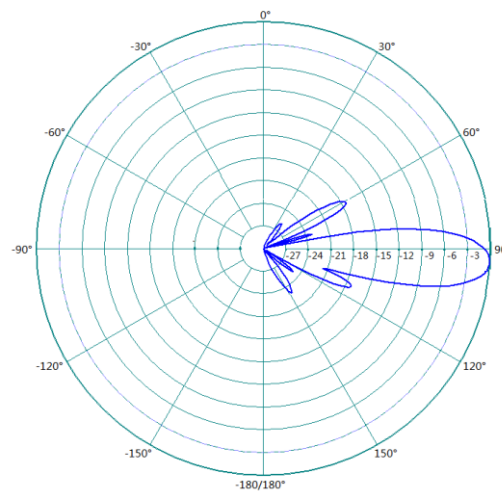
Upper Sidelobe Suppression, dB	16
Front to Back Ratio@180±30°, dB	25
Electrical Downtilt(°)	6, Fixed
PIM 3 rd @ 2*20W, dBc	-150
Power Rating, Watts	250
Impedance, Ohms	50
Lightning protection	DC Ground

Mechanical	
Connector(s)	10 × 4.3-10 Female
Antenna Dimensions, H×W×D, mm	725 × 770 × 90
Packing Dimensions, H×W×D, mm	900 × 880 × 235
Net Weight, kg	25
Packaging Weight, kg	40
Diameter of Installation Pole, mm	Φ50~110
Wind Load @ 150 Km/h Front, N	727
Wind Load @ 150 Km/h Side, N	106
Wind Load @ 150 Km/h Rear, N	909
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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