

XXX Pol 基站天线 Panel Antenna 806-960/2×1710-2690MHz 65°/65° 14.5/17.5dBi 0-14°/0-10°MET

电性能参数 Electrical Specifications

频率 Frequency Range (MHz):	806-960(R1)	1710-2690(Y1,Y2)
增益 Gain (dBi):	14.5	17.5
回波损耗 Return Loss (dB):	>14 (驻波比 VSWR<1.5)	
极化方式 Polarization:	±45°	
水平 3dB 波宽 Horizontal 3dB Beamwidth (°):	65±6	65±8
垂直 3dB 波宽 Vertical 3dB Beamwidth (°):	>13	>7
电调下倾角 Electrical Downtilt (°):	0-14 独立连续可调 0-14 Independently Continuously Adjustable	0-10 独立连续可调 0-10 Independently Continuously Adjustable
前后比 Front to Back Ratio (dB):	>25	
端口间隔离度 Isolation Between Ports (dB):	>26	
上旁瓣抑制 Upper Sidelobe Suppression (dB):	≥15	≥16
交叉极化比 (dB, 轴向): Cross Polar Ratio 0° (dB):	≥15	
交叉极化比 (dB, ±60°内): Cross Polar Ratio ±60° (dB):	≥10	
端口最大输入功率 Power Rating (W):	250	200
三阶互调 Intermodulation IM3 (dBc):	<-150(2×43 dBm)	
输入阻抗 Impedance (ohm):	50	
直流接地 Lightning Protection:	直流接地 DC Grounded	
接口类型 Connector Type:	6×7/16 母头 Female	

机械性能参数 Mechanical Data

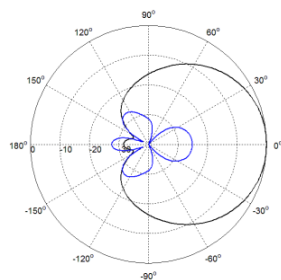
天线尺寸 Antenna Dimensions (mm):	1460×380×150
毛重 Antenna Gross Weight (kg):	25
天线罩材料 Radome Material:	玻璃钢 Fiberglass
天线罩颜色 Radome Color:	灰色 Gray
可调下倾角度 Adjustable Downtilt(°):	0-12

环境性能 Environmental Ratings

工作温度 Temperature (°C):	-40~+65
相对湿度 Humidity:	8%-98%
大气压 Atmospheric Pressure(kpa):	70-106
摄冰厚度 Ice Thickness(mm):	10
最大风速 Max .Wind velocity(km/h):	110

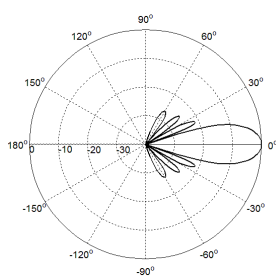


典型方向图 Typical Patterns



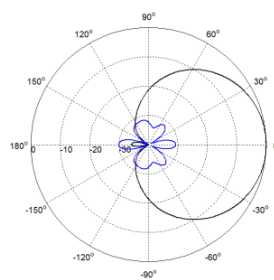
Azimuth(Low Band)

水平面方向图 (低频)



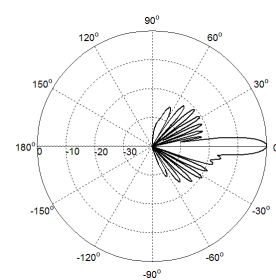
Elevation(Low Band)

垂直面方向图 (低频)



Azimuth(High Band)

水平面方向图 (高频)



Elevation(High Band)

垂直面方向图 (高频)

相关表 Correlation Table

W:www.broad-radio.com E:info@broad-radio.com V1.0

BROADRADIO is continually improving products. Specifications may change at any time without notice.

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Our products are compliant to the EU Directive RoHS as well as to other environmentally relevant regulations.

GL2PX305.10M-SZ

频率范围 Frequency range	阵列 Array	端口 Connector
806-960 MHz	R1	1-2
1710-2690 MHz	Y1	3-4
1710-2690 MHz	Y2	5-6

