

U2L2PX305.10P-E2-C-SZ

XXXX Pol 基站天线 Panel Antenna 2×698-960/2×1710-2690MHz 65°/65° 14/17.5dBi 2-16°/2-12°可插拔 Replaceable RET

电性能参数 Electrical Specifications

频率 Frequency Range (MHz):	698-960(R1,R2)	1710-2690(Y1,Y2)
增益 Gain (dBi):	14	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±5	65±5
垂直 3dB 波宽 Vertical 3dB Beamwidth (°):	>14	>5
电调下倾角 Electrical Downtilt (°):	2-16 独立连续可调 2-16 Independently Continuously Adjustable	2-12 独立连续可调 2-12 Independently Continuously Adjustable
前后比 Front to Back Ratio (dB):	>25	
端口间隔离度 Isolation Between Ports (dB):	>28	
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):	100	
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:	8×4.3-10 母头 Female	

机械性能参数 Mechanical Data

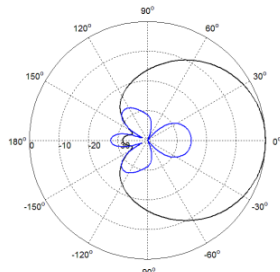
天线尺寸 Antenna Dimensions (mm):	1500×450×165
毛重 Antenna Gross Weight (kg):	30
天线罩材料 Radome Material:	玻璃钢 Fiberglass
天线罩颜色 Radome Color:	灰色 Gray
可调下倾角度 Adjustable Downtilt(°):	0-15
抱杆直径 Pipe OD (mm):	50-115



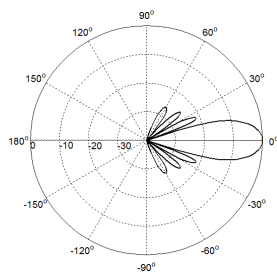
环境性能 Environmental Ratings

工作温度 Temperature (°C):	-40~+65
最大风速 Max .Wind velocity(km/h):	200

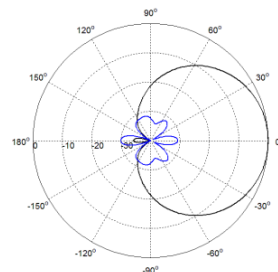
典型方向图 Typical Patterns



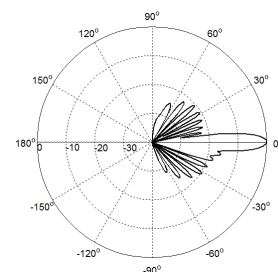
Azimuth(Low Band)
水平面方向图 (低频)



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)

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相关表 Correlation Table

频率范围 Frequency range	阵列 Array	端口 Connector
698-960 MHz	R1	1-2
698-960 MHz	R2	3-4
1710-2690 MHz	Y1	5-6
1710-2690 MHz	Y2	7-8

