

对数周期天线

鄒新峰

说明书

Specification

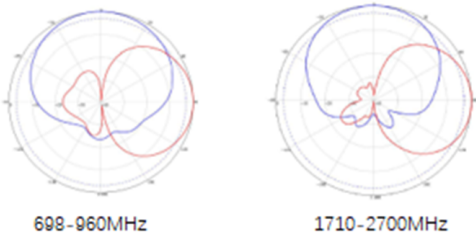
型号	PFZZ-LV0727001	
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频率范围 MHz	698~960	1710~2700
驻波比	≤1.8	≤1.5
输入阻抗	50 Ω	
增益	8dBi	10dBi
极化形式	垂直极化	
水平波瓣宽度	65±15°	55±15°
垂直波瓣宽度	55°	50°
前后比	≥16dB	
三阶互调	/	
最大功率	50 W	
雷电防护	直流接地	
输入接口	N 阴头, RG58U 300mm	
重量	1Kg	
尺寸	440*205*65mm	
外罩材料	ABS 纯料	
天线颜色	白色	
环境温度	工作温度: -40℃~+60℃ 极限温度: -55℃~+70℃	

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Frequency range	698~960	1710~2700
VSWR	≤1.8	≤1.5
Input impedance	50 Ω	
Gain	8dBi	10dBi
Polarization type	Vertical	
Horizontal Beamwidth	65±15°	55±15°
Vertical Beamwidth	55°	50°
Front to Back Ratio	≥16dB	
IM3	/	
Max power	50 W	
Lightning protection	DC ground	
Connector type	N female, RG58U 300mm	
Weight	1Kg	
Dimension	440*205*65 mm	
Radome material	ABS 纯料	
Antenna's color	White	
Environment Temperature	Working Temperature: -40℃~+60℃ Limit Temperature: -55℃~+70℃	

Radiation Pattern:



Note: The blue line represents the horizontal polarization, and the red line represents the vertical polarization.



1. Installation:
Fix the antenna onto a Ø35-50 mm mounting pole (user supplied) using U-bolts, flat washers, spring washers, and nuts.
2. Storage and Transportation:
A. Store the antenna in a dry place under normal temperature conditions.
B. Handle with care during transportation and protect it from rain and moisture.
3. Safety Notice:
Do not place the antenna near fire sources or other heat sources.

