



XingYue Communication Technology Co., Ltd.

Product Name: LTE Log Periodic Antenna

Product Model: XY114605

Electrical Specifications		
Frequency Range	800-960MHz	1710-2700MHz
Polarization Type	Vertical	
Gain	8±1dBi	10±1dBi
VSWR	≤1.5:1	≤1.5:1
Horizontal Beamwidth	70° ±8°	65° ±10°
Vertical Beamwidth	55° ±8°	50° ±10°
Front-to-back Ratio	≥14dB	≥15dB
Input Impedance	50Ω	
Max Power	50W	
Lightning Protection	DC Ground	
Mechanical Specifications		
Connector Type	N Female	
Dimensions（L*W*H）	290*210*64mm(11. 5*8.2*2.52in)	
Radiating Element Material	Aluminum	
Reflector Material	Aluminum	
Weight	0.85kg	
Radome Material	UABS	
Radome Color	White	
Mounting Pole	φ 30～52 mm	
Cable	RG58U	
Operating Temperature	-40℃～60℃	

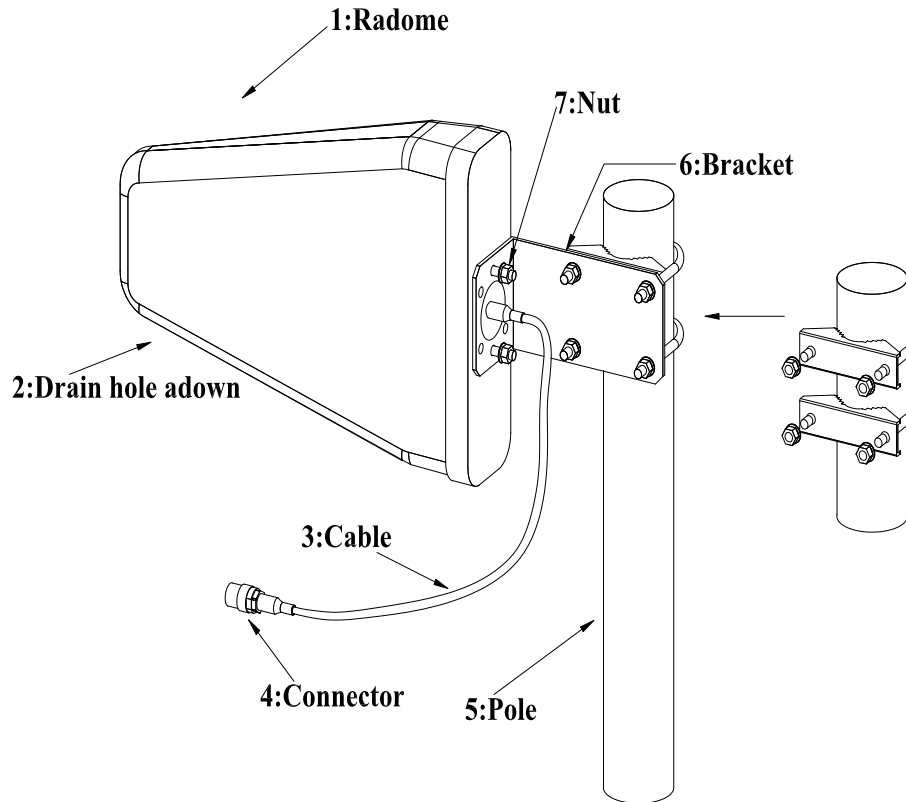


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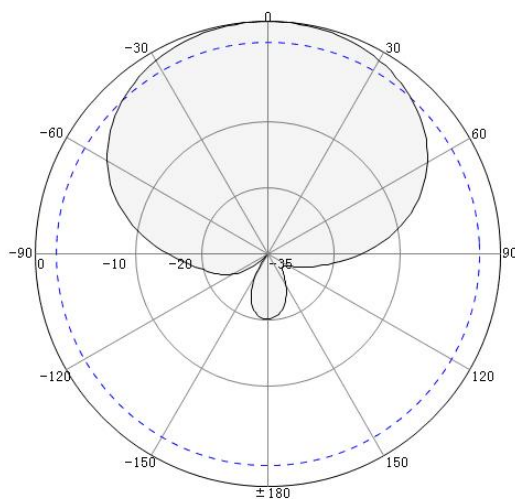
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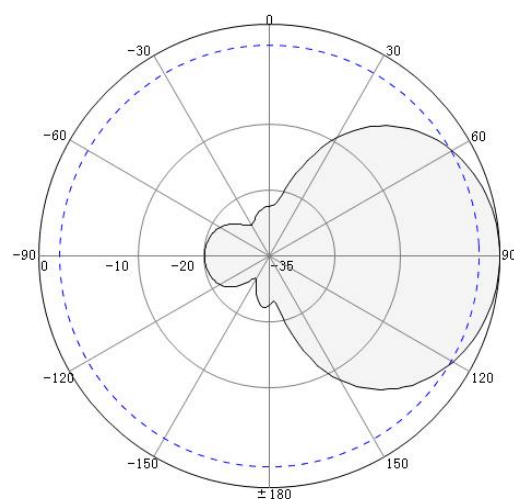
Installation Guide:



Directional Pattern:



Horizontal Pattern



Vertical Pattern