

OUTDOOR 698-2700MHz SMALLCELL ANTENNA



Telecommunication Technology & Engineering Accessories

Rev.V1.3

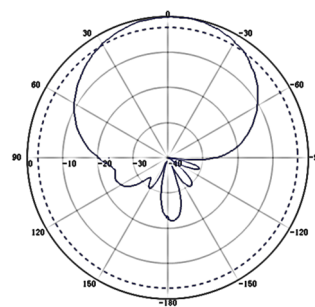
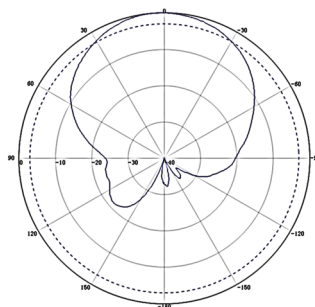
Specification of 698~2700MHz Low PIM Smallcell Antenna:

Model	SMC-727-14DBN/AJ				Product Picture
Frequency Range	698~824	824~960	1710~2170	2170~2700	
Impedance	50Ω				
VSWR	≤ 1.70				
Gain	10.5±1.0dBi	11.0±1.0dBi	14.0±1.0dBi	14.5±1.0dBi	
Polarization	vertical				
Horizontal Beamwidth	68~±8 °	65~±8 °	65~±8 °	62~±8 °	
Vertical Beamwidth	38~±8 °	35~±8 °	15~±8 °	13~±8 °	
Maximum Power	200W				
Intermodulation	-150dBc@2X43dBm				
Front-To-Back Ratio	≥22	≥22	≥22	≥22	
Connector Type	N/Female *				
Lightning Protection	Direct Ground				
Dimension	660×287X132mm				
Mounting Kit	Φ50~Φ115 Pole , Outdoor use				
Radome material	UPVC,RAL7035				
Operational Humidity	5~95%				
Work Temperature	-40~+60℃				
Weight	5.50kg				

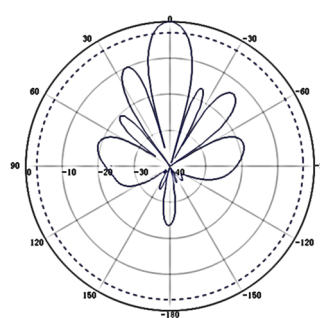
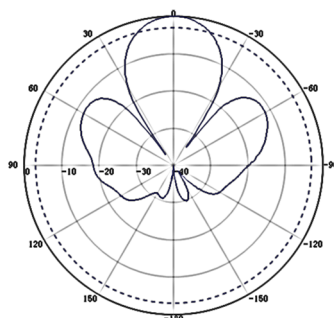
* Can be Custom made with 7/16(DIN)Female,4.3/10-Female or NEX10 Female

Antenna Radiation Patterns:

Horizontal
Pattern



Vertical
Pattern



698-960MHz

1710-2700MHz



All specifications are subject to change without notice.

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