

Outdoor Bi-directional Antenna

OCS-090V06N0



Features and Product Description

- Wide-band 806MHz - 2500MHz design.
- High gain of 6.5 dBi.
- Radome material fully adapts for outdoor installations.
- Applied in outdoor microcell, long and narrow urban areas as well as indoor microcell.
- Easily installed on wall or pole.

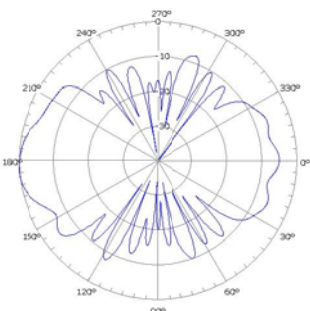
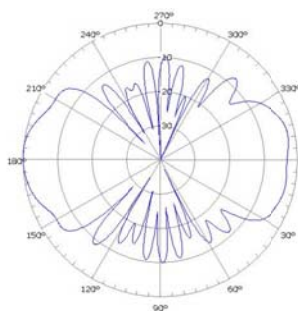
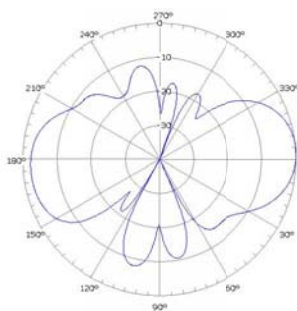


Technical Specifications

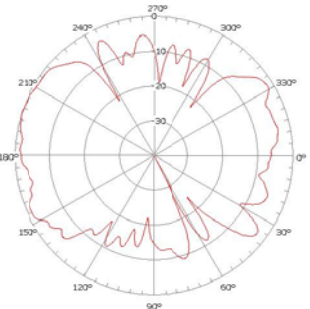
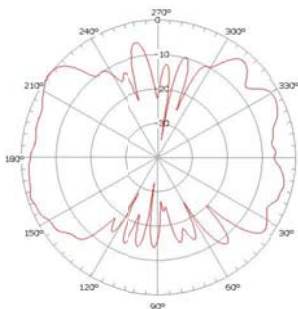
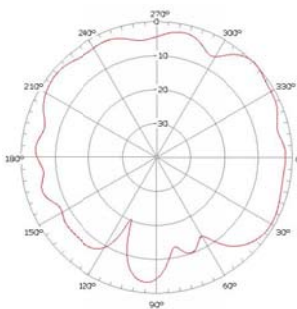
Electrical			
Frequency Range	MHz	806-960	1710 - 2500
Gain	dBi	5.5	6.5
Polarization		Vertical	
Maximum Power	W	100	
Beamwidth	Vertical	60	55
	horizontal	90	70
VSWR		< 1.5:1	
Impedance	Ω	50	
Lightning Protection		Direct Ground	
Mechanical			
Dimensions, H x W x D	mm	640x210x120	
Weight	kg	1.35	
Radome Material and Color		Fiberglass, Light Grey	
Mount		Wall or Pole	
Reflector Material		Aluminum Alloy	
Radiating Element Construction		Printed Circuit Board	
Connector Type and Location		N-Female, Bottom	
Operational Temperature	$^{\circ}\text{C}$	-40 to +70	
Operational Humidity	%	≤ 95	
Operational Wind Speed	km/h	200	
Shipping Dimensions, H x W x D	mm	650x220x135	
Shipping Weight	kg	1.9	

Antenna Patterns

Vertical pattern



Horizontal pattern



806MHz

1920MHz

2300MHz