

Outdoor Directional Antenna for Microcell

ODM-075V11N0

VPol, 806-960/1710-2500MHz, 75°, 11.0dBi



Technical Specifications

Electrical

Frequency Range	MHz	806-960	1710-2300	2400-2500
Polarization		Vertical		
Gain	dBi	9.7	11.0	11.0
Horizontal Beamwidth	deg	75	60	55
Vertical Beamwidth	deg	58	48	48
Front-To-Back Ratio	dB	> 22		
VSWR		≤ 1.4:1		
Maximum Power	W	100		
Impedance	Ω	50		
Lightning Protection		Direct Ground		

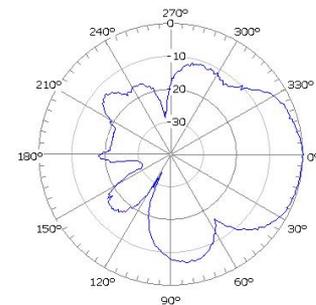
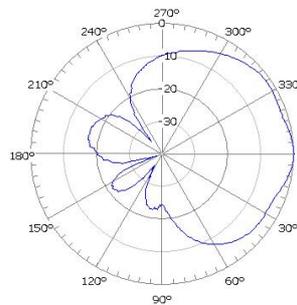
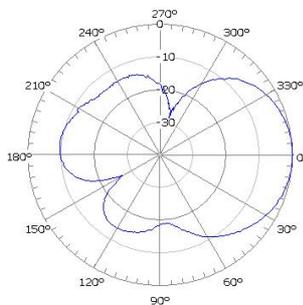


Mechanical

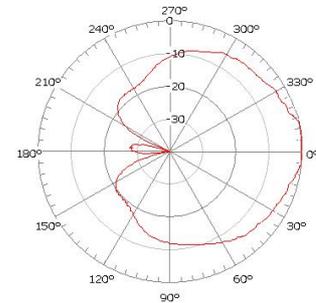
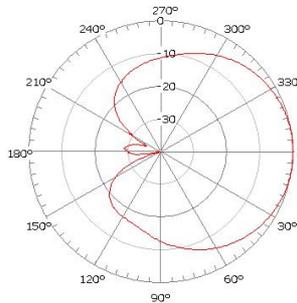
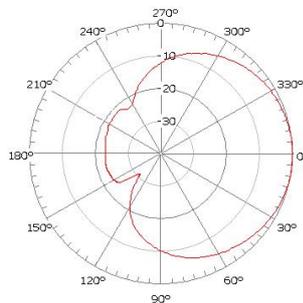
Dimensions, HxWxD	mm (in)	480x282x54 (18.9x11.1x2.1)		
Weight, without Mounting Kit	kg (lb)	1.5 (3.3)		
Weight, with Mounting Kit	kg (lb)	1.7 (3.7)		
Radome Material and Color		PVC, Light Grey, RAL7035		
Mounting Kit		Wall or pole mount included		
Radiating Element Material		Brass		
Connector Type and Location		N-Female, Bottom		
Operational Temperature	°C	-55 to +70		
Operational Humidity	%	≤ 95		
Operational Wind Speed	km/h (mph)	200 (124.3)		
Shipping Dimensions, HxWxD	mm (in)	560x393x133 (22x15.5x5.2)		
Shipping Weight	kg (lb)	2.0 (4.4)		

Antenna Pattern

Vertical pattern



Horizontal pattern



870MHz

1880MHz

2500MHz

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