

Outdoor Log Periodic Directional Antenna

OLP-065V10NMJ-50-ND

Low PIM(-153dBc), 698-2700MHz, N-Female

- Wideband design covering 698-2700MHz (700/800 Public Safety Band, 2G/3G/4G Network)
- Suitable for outdoor application
- Narrow beamforming donor antenna
- Compact and cost-effective design



Electrical Specification

Product Model		OLP-065V10NMJ-50-ND
Frequency (MHz)	698-960	1695-2700
Gain (dBi)	9.5 ± 0.5	10.5 ± 0.5
Polarization	Vertical	
Beamwidth Horizontal (°)	65 ± 15	58 ± 10
Beamwidth Vertical (°)	60 ± 15	55 ± 10
VSWR	≤ 1.8	≤ 1.5
PIM (dBc)	< -153 @ 2 x 43dBm	
Average Power, max (W)	50	
Impedance (ohm)	50	

Mechanical Specification

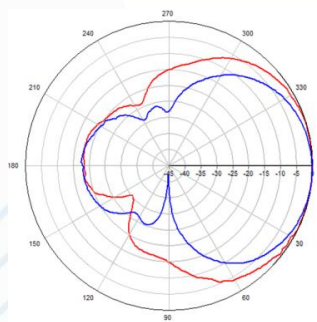
Dimension Diameter, height (in/mm)	17.3x8.3x2.6 / 440x210x65
Weight w/o mounting kit (lb/kg)	1.4 / 0.65
Shipping Dimension(in/mm)	19.0x9.0x3.0 / 483x229x76
Shipping Weight(lb/kg)	2.0 / 0.91
Radome Material & color	ABS, White
Diameter of the mounting pole(in/mm)	Ø1.38 - Ø1.97 / Ø35 - Ø50
Maximum Wind Speed(mph)	81
Connector type	N-Female

Environment & Compliance

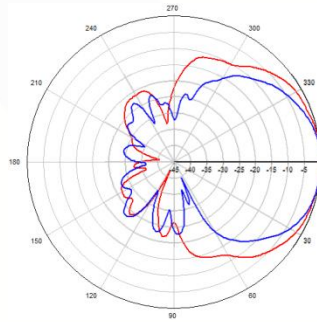
Application	Outdoor
Operating Temperature	-35°C to +85°C
Relative Humidity	Up to 95%
RoHS	Compliant

Antenna Pattern

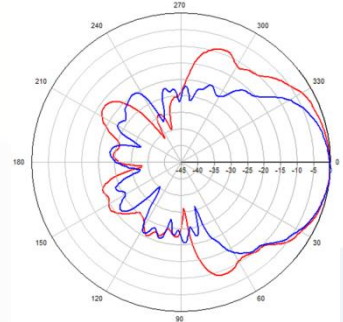
— Horizontal — Vertical



806MHz



1880MHz



2700MHz

Outline Drawing

