

# POMNOX-2.7

0.711 M | 2.33 FT. PSEUDO OMNI ANTENNA, SLANT 45 +/-, POLARIZED, 2.5-2.7

The RadioWaves Pseudo Omni offers excellent performance in a small aesthetic form factor and is ideal for small cell deployments with a compact design allowing for installation in city mandated enclosures and street furniture while meeting PIM, gain and isolation requirements.

- 4-port OMNI antenna, 2500-2700MHz, 45 Degree Slant Polarization
- Compact form with 6 dBi gain
- Low PIM ideal for small cell deployments
- 4 x 4 MIMO



## SPECIFICATIONS

### General

Antenna Type	Omnidirectional Antenna	Polarization	Slant 45+/-
Size, nominal	2.33 ft   0.711 m	Standard RF Connector Type	4.3-10 Female

### Electrical

Operating Frequency Band	2.5 - 2.7 GHz	VSWR	1.5:1
Half Power Beamwidth, Horizontal	360 degrees	Return Loss	-14 dB
Half Power Beamwidth, Vertical	29 degrees	Port to Port Isolation, Max (dB)	23 dB
Cross-Polarization Discrimination	12 dB	PIM (2x5W), Max (dBm)	-110 dBm
Gain, Low Frequency	5 dBi	Electrical Downtilt, Degrees	0 degrees
Gain, Mid Frequency	5.7 dBi	Input Power per Port, Max (Watts)	100 Watts
Gain, High Frequency	6 dBi		

### Mechanical

Mounting Pipe Diameter, Min	2 inch   5.08 cm	Wind Velocity Survival Rating	120 mph   200 km/h
Mounting Pipe Diameter, Max	7 inch   17.78 cm	Mechanical Configuration	SBPSO
Net Weight	5 lbs   2.33 kg	Operating Temperature Range	-40 to +60 C
Wind Velocity Operational	100 mph   160 km/h	Ingress Protection	IP65

## Regulatory Compliance

Industry Canada Compliance	undeclared
RoHS-compliant	Yes

## Shipping Information

Package Type	Cardboard
Gross Weight	9 lbs   4.1 kg

Dimensions, L x W x H	32.5 x 10 x 8.3in   82.6 x 25.4 x 21.1 cm
Shipping Volume	1.6 cu ft   0.04 cu m

4 Type 4.3-10 Connectors to support MIMO Operation

## TECHNICAL DRAWINGS

