

Radome Omni Antenna

PIMinator® Low PIM, 1710-2170 MHz

Pulse Part Number RO17102NM



The RO17102NM Radome Omni is designed for harsh outdoor environments to provide excellent mechanical stability and UV/IP-67 protection to ensure a long, reliable, maintenance-free life. The upper end of the operating temperature range is 185°F (85°C) and the structural loading withstands up to 150 mph winds. This antenna, and its counterparts in the RO family are designed for installation directly or on a mast or wall.

This particular Radome Omni covers 1710-2170 MHz frequencies with an N Male connector. Pulse offers additional Radome Omnis in a variety of frequencies including 2.4, 4.9 and 5 GHz and multi-bands covering 806-960/1710-2170 MHz. Gains range from 4 dBi to 10 dBi. Most models are available with either an N Male or N Female connector.

FEATURES

- 1710-2170 MHz
- 2 dBi Gain
- DC Grounded
- Low PIM

APPLICATIONS

- Access Points, Public Safety
- Repeaters
- Base Station
- Small Cells
- DAS Networks

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Vancouver, Washington
360 944 7551

Europe
49 7032 7806 0

China
86 512 6807 9998

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Electrical Specifications

Frequency (MHz)	1710-2170 MHz	
Nominal Impedance (Ω)	50	
VSWR	2:1 Max	
Peak Gain (dBi)	2	
HPBW / Horizontal Plane	Omni	
HPBW / Vertical Plane	80 °C	
Polarization	Vertical	
Power withstanding	50 W	
PIM at 2x20 watts	-155 dBc	
E.S.D. Protection	DC Grounded	
Connector Type & Gender	N Male	(Optional N Female)

Environmental Specifications

Operation Temperature	-40 / 85 °C
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Mechanical Specifications

Radome Material	Pultruded polyester/fiberglass – UV protected
Color	White
Ingress Protection	IP67
Weight (lbs/grams)	91 g
Wind Loading (MPH)	150 mph
Overall length (inches/cm)	4.53 / 115
Side loading @ 1 ft	30 lbs
Pull off	100 Lbs

Mounting options available (FB2Bracket and FB3Bracket).

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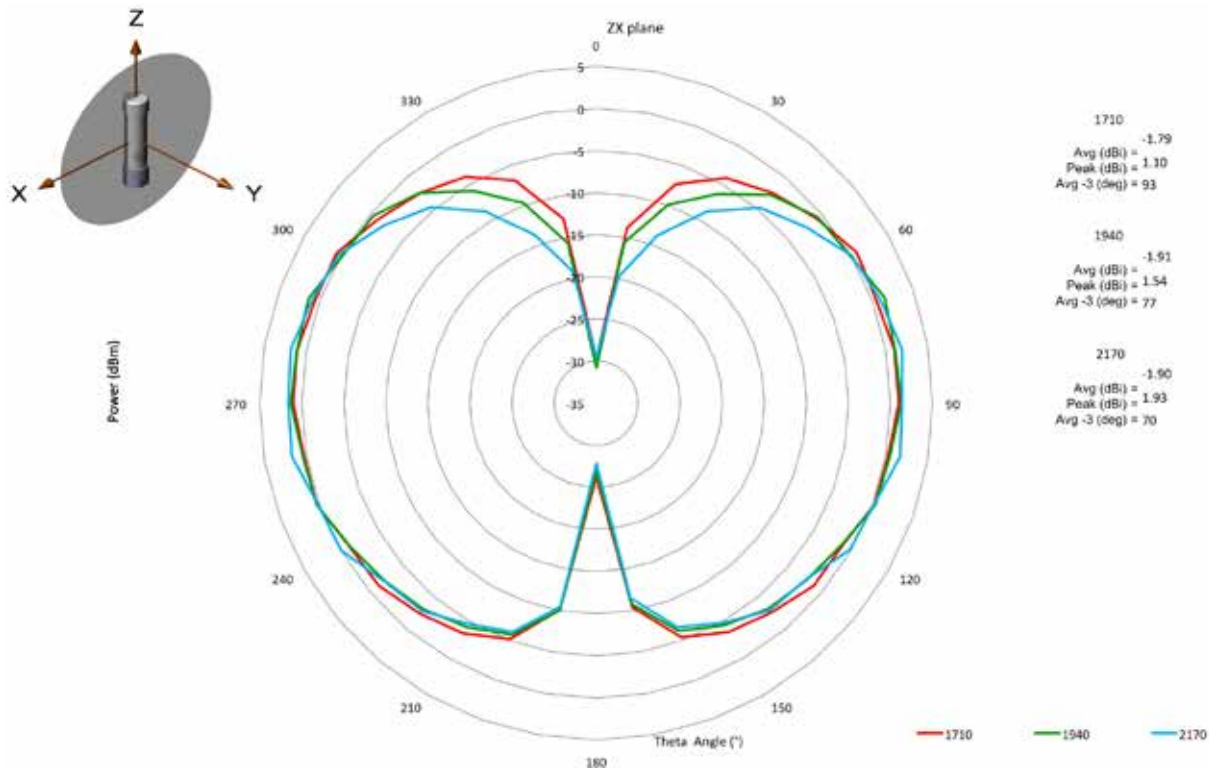
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