



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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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San Diego, California
858 674 8100

Vancouver, Washington
360 944 7551

Europe
49 7032 7806 0

China
86 512 6807 9998

Radome Omni Antenna PIMinator® Low PIM, 1710-2170 MHz

Pulse Part Number RO17102NM

Electrical Specifications

Frequency (MHz)	1710-2170 MHz	
Nominal Impedence (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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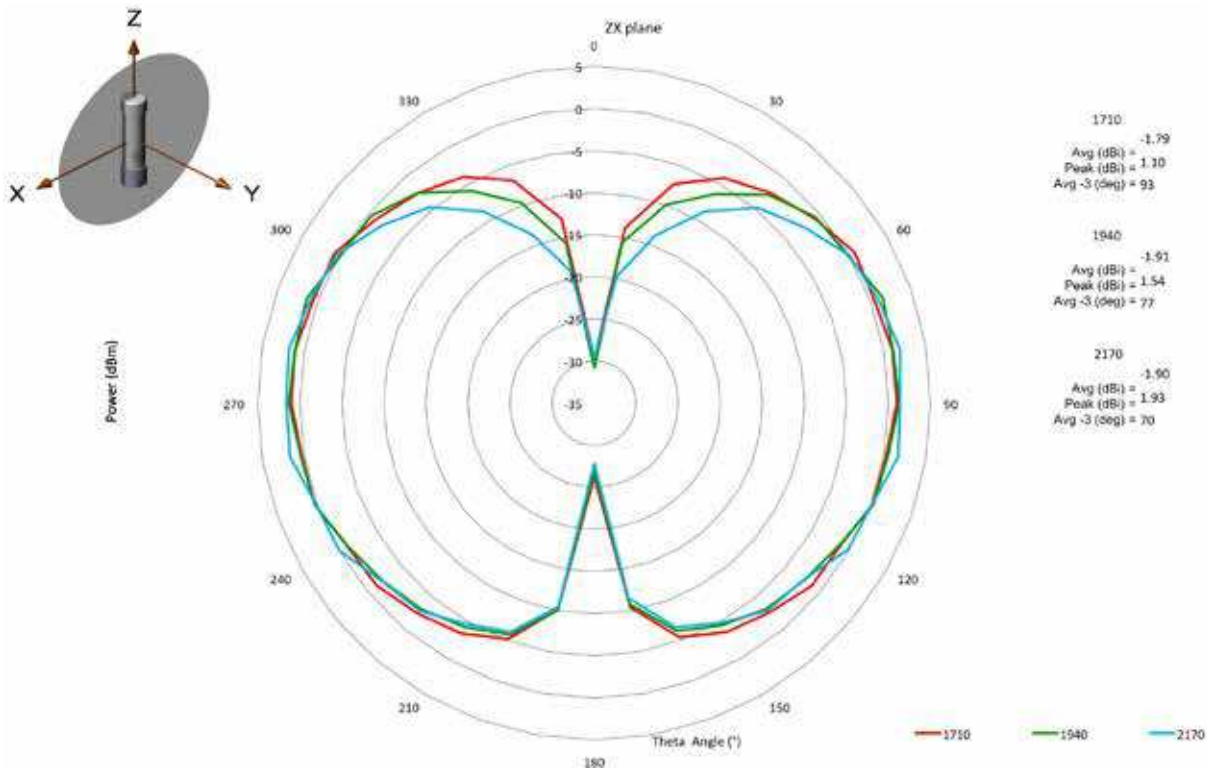
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