

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

Confidential and Proprietary — Pulse Electronics — All Rights Reserved — 2015

This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Pulse is strictly forbidden.

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
-----------------------	-------------

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).

San Diego, California
858 674 8100

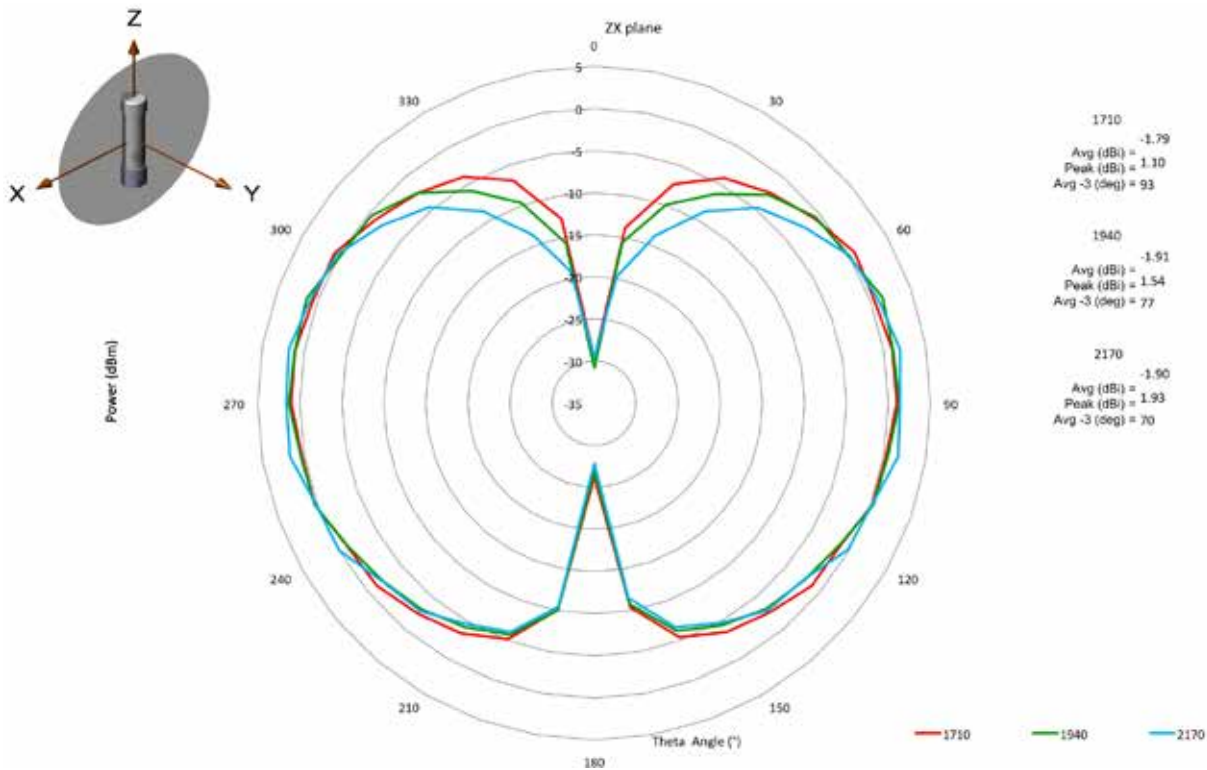
Vancouver, Washington
360 944 7551

Europe
49 7032 7806 0

China
86 512 6807 9998

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

Pulse Part Number RO17102NM



For More Information

Pulse Worldwide Headquarters
12220 World Trade Drive
San Diego, CA 92128
U.S.A.

Tel: 858 674 8100
Fax: 858 674 8262

Larsen Brand Antennas
3611 NE 112th Avenue
Vancouver, WA 98682
USA

Tel: 360 944 7551
Fax: 360 944 7556

Europe Headquarters
Pulse GmbH & Do, KG
Zeppelinstrasse 15
Herrenberg, Germany

Tel: 49 7032 7806 0
Fax: 49 7032 7806 135

Pulse (Suzhou) Wireless Products Co., Inc.
99 Huo Ju Road, (#29 Bldg, 4th Phase)
Suzhou New District
Science & Tech Industrial Park
Jiangsu Province, Suzhou 215009 PR China

Tel: 86 512 6807 9998
Fax: 86 512 6809 8023



Performance warranty of products offered on this data sheet is limited to the parameters specified. Data is subject to change without notice. Other brand and product names mentioned herein may be trademarks or registered trademarks of their respective owners.
© Copyright, 2015. Pulse Electronics, Inc. All rights reserved.

单击下面可查看定价，库存，交付和生命周期等信息

[>>Pulse\(普思\)](#)