

OD3-600/6000MOD2

PRODUCT OVERVIEW

The wideband Foam Filled OD3-600/6000MOD2 covers all Global Cellular & LTE frequencies and is also Private LTE and 5-G ready. Specifically, the Sub-6 Cellular/LTE element covers: 617-960 & 1710-6000 MHz. In addition, the mechanical strength of this antenna makes it ideal for mining vehicles.

Using the latest PCB technology, these antennas improve high-speed broadband system performance. This design maintains an omni pattern in the horizontal plane.

The fiberglass radome measures 17.5" (444.5mm) in height with a 1" (25.4mm) diameter, making the antennas durable and rugged. They can withstand the harshest environments of snow, wind, rain and ice.

The Foam Filled OD Series Antennas are supplied with all the hardware needed to install them to a mast. The OD antennas normally terminate with a female N connector.

Specifications	
Frequency & Gain	617-960 MHz, 2 dBi 1700-6000 MHz, 4 dBi
Vertical Beamwidth (-3dB)	60° (694-960 MHz) 50° (1700-2700 MHz)
VSWR	<2:1
Radome Material	Black Fiberglass
Nominal Impedance	50 ohms
Maximum Power	10 Watts
Connector	N Jack Female
Lightening Protection	External Recommended
Mounting (Kit Included)	Mounts up to 2 1/2" OD Pipe
Dimensions	17.5" (444.5mm) H x 1" (25.4mm) Dia
Wind Rating	100 mph
Temperature	-40° C to +85° C
IP Rating	IPx5
Foam Properties	
Dielectric Constant, 10 MHz	1.04
Dissipation Factor, 10 MHz	0.0001
Compressive Strength, psi	30
Compressive Modulus, psi	500
Thermal Conductivity	0.012
BTU-in/hr-ft-° F	
Water Absorbtion, 24 hrs	3.0% max
Service Temp. ° C (° F)	-40 to +100 (-40 to +210)



Sub - 6 , 5 G Ready , Foam Filled Omni - Directional

HIGHLIGHTS:

- Sub-6, 5G Ready Omni-directional
- 617-960 MHz & 1700-6000 MHz
- Foam Filled, Wideband
- Made-in-the-USA & UK

RELATED MODELS:

- OD3-700/2700MOD2 (Foam Filled, Smaller Freq.)
- OD3-700/2700DN (Direct 'N' option, Smaller Freq.)
- OD3-600/6000 (Standard Version)

COMMON APPLICATIONS:

- Rugged Mobile Wireless Networking
- Fixed Site Installation or Mobile
- Sub-6, 5G ready mm626 Solution
- Suitable for Mining Vehicles



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