OD3-600/6000MOD2-BLK

WIDEBAND OMNI-DIRECTIONAL HIGH-VIBRATION ANTENNA

PRODUCT OVERVIEW

The OD3-600/6000MOD2 is a heavy-duty, foam-filled omni-directional antenna covering 617–960 MHz and 1700–7200 MHz. Designed for demanding industrial and mobile installations, its foamed construction supports applications exposed to vibration and challenging operating conditions.

- **Wideband Coverage:** Supports 617–960 MHz and 1700–7200 MHz with 2–4 dBi gain.
- **Heavy-Duty Construction:** Internal foam provides additional protection for antenna components in high-vibration applications.
- **Easy Installation:** Includes mounting hardware for poles up to 2.5 inches in outside diameter.

Tested and trusted, Mobile Mark focuses on quality and leveraging the expertise of highly skilled professionals, specializing in customizable manufacturing solutions across North America and Europe. By combining advanced technologies with comprehensive team knowledge, we ensure tailored products that meet diverse needs, all delivered efficiently to exceed expectations.

To Purchase, visit www.TheAntennaStore.com.

Electrical Specifications	
Frequency & Gain	617 - 960 MHz, 2 dBi 1700 - 7200 MHz, 4 dBi
VSWR*	2.5:1 Max
Impedance	50 Ohm Nominal
Power Rating	10 Watts Max
Vertical Beamwidth (-3 dB)	60° (617 - 960 MHz) 50° (1700 - 7200 MHz)

Mechanical Specifications	
Radome Material & Color	Foam-Filled Black or White Fiberglass Radome with Aluminum Body
Radome Dimension	17.5" Height × 1.0" Diameter (44.45 cm × 2.54 cm)
Weight	2.5 lbs (1.14 kg)
Standard Connector	N Jack (Female)
Mast Mounting (Kit Included)	Mounts up to 2.50" (63.5 mm) Outside Diameter Pipe
Water Ingress	IP67 when properly mounted
Shock & Vibration	EN 300 019-2-4, IEC 60068
Operating Temperature	–40°C to +80°C
Lightning Protection	External Recommended
Max Wind Velocity	100 mph (161 kph) with 0.5" (12.7 mm) Radial Ice
RoHS Compliant	Yes

**VSWR measured with mounting bracket installed as shown in the engineering drawing.*



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HIGHLIGHTS:

- Wideband, Multi-Frequency Coverage
- Omni-Directional Coverage
- Foam-Filled for Vibration Resistance
- Mounting Hardware Included
- Made-in-the-USA & UK

COMMON APPLICATIONS:

- Mining & Heavy Equipment
- Industrial Wireless Networks
- Rugged Mobile Communications
- Construction & Quarry Equipment
- Fixed-Site Installations in Harsh Environments

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