OD3-600/6000

WIDEBAND OMNI-DIRECTIONAL ANTENNA

PRODUCT OVERVIEW

The OD3-600/6000 is a wideband omni-directional antenna designed for wireless infrastructure applications, covering 617–960 MHz and 1700–7200 MHz in a compact, fiberglass housing.

- **Wideband Coverage:** Supports 617–960 MHz and 1700–7200 MHz with 2–4 dBi gain for cellular and wireless network applications.
- **Rugged Construction:** Fiberglass radome and aluminum base body designed for outdoor installations.
- **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*	617–960 MHz: 2:1 Max 1700–6000 MHz: 2.1:1 Max 6000–7200 MHz: 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	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	IPX5
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
- Heavy-Duty Fiberglass Construction
- Mounting Hardware Included
- Made-in-the-USA & UK

COMMON APPLICATIONS:

- Cellular & Wireless Infrastructure
- Fixed-Site Wireless Networks
- Industrial Wireless Communications
- Remote Monitoring Networks
- Utility & Telecommunications Installations

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