

Item no.: 362290

A-OMNI-0403-V1-01 - Omni-directional Marine & Coastal LTE Antenna, 698 - 2700 MHz; 5 dBi

from **78,12 EUR**

Item no.: 362290
shipping weight: 0.10 kg
Manufacturer: Poynting



Product Description

The OMNI-403 is an ultra-wideband antenna that offers the user a 2x2 MIMO capability with its vertically separated radiating elements. This antenna covers all current LTE operating frequencies. It achieves this with an excellently balanced gain across all frequencies. This enhances LTE performance features such as multi-carrier aggregation (CA). All this makes the OMNI-403 an exceptional omnidirectional antenna for its size and application. Poynting Antennas achieves this through a new antenna configuration with multiple dipoles and a unique (patented) feed network.

The antenna uses a standard 1-inch (14TPI) marine mount for simplified installation on most standard marine mounts.

Electrical specifications:

- Frequency ranges: 617 - 960 MHz 1427 - 1517 MHz
- 1710 - 2700 MHz 3400 - 4200 MHz
- 698 - 960 MHz 1710 - 2170 MHz 2300 - 2700 MHz Gain (max): 2.8 dBi @ 698-960 MHz
- 5 dBi @ 1710-2170 MHz
- 4.5 dBi @ 2300-2700 MHz
- VSWR: <2:1
- Power handling capacity of the feed: 10 W
- Input impedance: 50 Ohm (nominal)
- DC short circuit: path to earth

Mechanical specifications:

- Product dimensions: 252 mm x Ø75 mm (including BRKT-40)
- Enclosure dimensions: 288 mm x 97 mm x 97 mm
- Weight: 0.35 kg
- Packaging weight: 0.50 kg
- Material of radome: UV-stable marine ASA
- Colour of radome: Brilliant white
- Pantone P 179-1 C
- Mounting method: Standard 1" -14 TPI marine mount

Environmental specifications:

- Wind resistance: <190 km/h
- Temperature range (operating): -40°C to +80°C
- Environmental conditions: Outdoor/indoor
- Protection type/standard for water ingress: IP 68
- Salt spray: MIL-STD 810F/ASTM B117
- Relative humidity during operation: Up to 98%
- Storage humidity: 5% to 95% - non-condensing
- Storage temperature: -40°C to +80°C
- Flammability rating of enclosure: UL 94-HB
- Impact resistance: IK 10

Specifications

**Scan this QR code to
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All details, up-to-date
prices and availability

