

# OMNIMAX<sup>®</sup> Outdoor Dipole

## AP-Dipole-90-O-S6-F-GR



The AP-Dipole-90-O-S6-F-GR is an omni-directional high performance antenna for the 900 MHz ISM band. This antenna was designed to accommodate outdoor communications including LoRa protocol for Internet of Things (IoT).

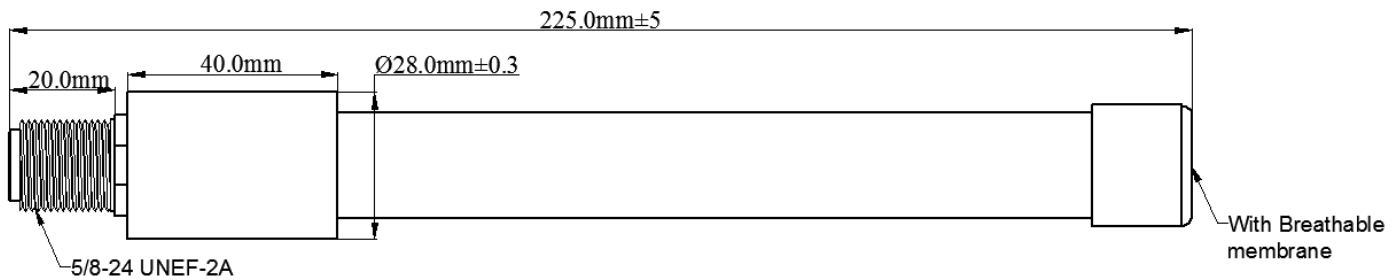
- Omni-directional dipole antenna
- LoRa IoT band coverage (902-928 MHz)
- +2.0 dBi @ 910 MHz nominal peak gain
- High efficiency

### Configurations

Standard configuration is grey color with N-female connector, non-standard connectors and colors available on request. Antenna is designed for standard pole or wall mount clamp installation, vertical or inverted, full outdoor installation.

**AP-Dipole-90-O-S6-F-GR** 902 to 928 MHz, ISM band antenna / 6 dBi nominal peak gain / 700 x 28mm enclosure, Outdoor Antenna, N-Female connector, Grey

### Dimensions



Unless otherwise specified, tolerances are ±2mm

Specifications and Interface	
Standard	U.S. LoRa, 900 MHz ISM Band
Frequency Range	902-928 MHz
Peak Gain	2.0 dBi @ 902-928 MHz
VSWR	< 1.5:1
Feed Impedance	50 ohms
Power Handling	5 Watts
Interface	50 ohms, N-type (F)
Dimensions	28.0 mm × 225 mm
Weight	210 g (7.41 oz)
Temperature Range	Operating -40°C to + 85°C Storage -40°C to + 85°C
Humidity Range	5 to 95%
RoHS	RoHS compliant
Water Ingress	IP67