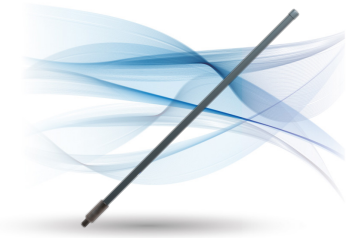


# OMNIMAX<sup>®</sup> Outdoor Dipole

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



The AP-Dipole-90-H-O-S6-F-GR is an omni-directional high performance antenna designed for full outdoor operation in the 900 MHz (ISM band). This antenna was designed to accommodate outdoor gateway connectivity for Industrial Internet of Things applications, including LPWAN protocols LoRa and Sigfox.

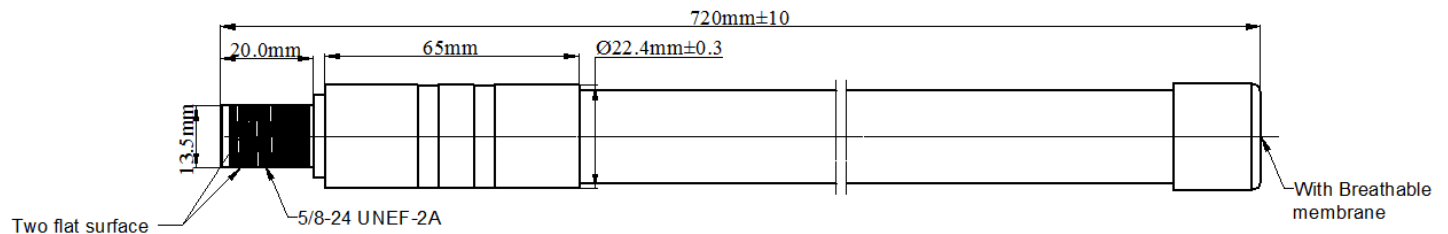
- Omni-directional dipole antenna
- LoRa IoT band coverage (902-928 MHz)
- 6.0 dBi @ 910 MHz nominal peak gain
- High efficiency

### 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.

<b>AP-Dipole-90-H-O-S6-F-GR</b>	902 to 928 MHz, ISM band antenna / 6 dBi nominal peak gain / 700 x 28 mm enclosure, Outdoor Antenna, N-Female connector, Grey
<b>AP-Dipole-90-H-O-S6-M-BL</b>	902 to 928 MHz, ISM band antenna / 6 dBi nominal peak gain / 700 x 28 mm enclosure, Outdoor Antenna, N-Male connector, Black
<b>AP-Dipole-90-H-O-S6-F-WH</b>	902 to 928 MHz, ISM band antenna / 6 dBi nominal peak gain / 700 x 28 mm enclosure, Outdoor Antenna, N-Female connector, White

### 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	6.0 dBi @ 910 MHz
VSWR	< 2:1
Feed Impedance	50 ohms
Power Handling	5 Watts
Interface	50 ohms, N-type (F)
Dimensions	22.4 mm × 720 mm
Weight	228.5 g (8.06 oz)
Temperature Range	Operating -20°C to +60°C Storage -20°C to +60°C
Humidity Range	5 to 95%
RoHS	RoHS compliant
Water Ingress	IP67