

## OMNIMAX® Outdoor Dipole

AP-Dipole-Next-C-O-S6-GR

The AP-Dipole-Next-C-O-S6-GR dipole antenna is an ultra-wideband 5G externally mounted antenna providing high efficiency for IoT and M2M applications for cellular modules, modems, and gateways. This antenna outperforms competing products on the market and provides coverage for all cellular standards including CDMA, DCS, PCS, and GSM 2G, 3G, 4G, and 5G frequency bands in use globally.

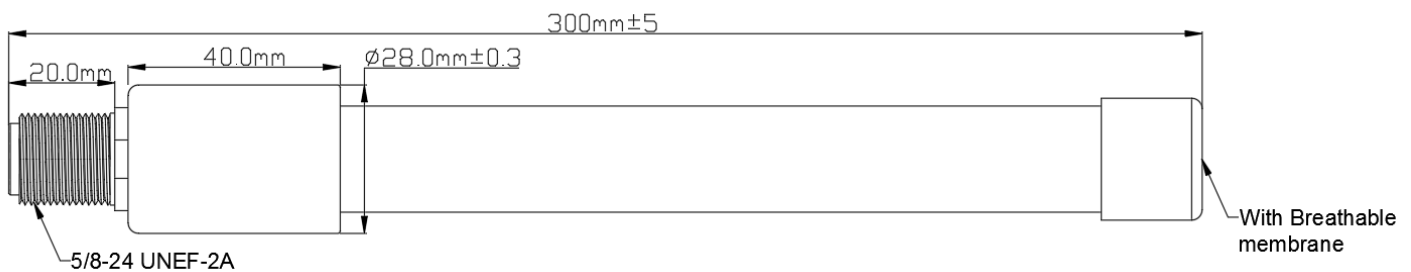
### FEATURES

- Wideband Cellular 5G (617 MHz-6 GHz) Element
- External Outdoor Dipole Antenna

### ADVANTAGES

- High efficiency

### DIMENSIONS



Unless otherwise specified, tolerances are  $\pm 2\text{mm}$

### PART NUMBERS

PART NUMBER	DESCRIPTION
AP-Dipole-Next-C-O-S6-GR	Cell/5G, Outdoor Antenna, N-Plug (Male) connector, Grey
AP-Dipole-Next-C-O-S6-F-GR	Cell/5G, Outdoor Antenna, N-Jack (Female) connector, Grey

### TECHNICAL SPECIFICATIONS

Standard	2G, 3G, 4G/LTE, 5G (Band 71, LTE, CBRS, LAA)
Frequency Range	617 MHz - 6.0 GHz 617 MHz - 6.0 GHz
Peak Gain	-0.1 dBi @ 617 MHz; 0.3 dBi @ 850 MHz ,1.7 dBi @ 1450 MHz, 2.0 dBi @ 1750 MHz, 2.8 dBi @ 1950 MHz, 4.3 dBi @ 2250 MHz, 5.5 dBi @ 2450 MHz, 3.6 dBi @ 3700 MHz, 4.0 dBi @ 5500 MHz
Feed Impedance	50 ohms
Power Handling	30 dBm
Interface	50 ohms, N-Plug (M) / N-Jack (F)
Dimensions	28.0 mm × 300 mm
Temperature Range	-40°C to 85°C Operating and Storage
Humidity Range	5 to 95%

### OPTIONAL MOUNTING ACCESSORY

SKU: AP-BRACKET-U2-DIPOLE

Designed to mount to a standard 2" pipe

Galvanized Steel U-Bolt

ITEM NO.	DESCRIPTION
1	GALVANIZED STEEL U-BOLT, 2"
2	VIBRATION DAMPING ROUTING CLAMP, 2"
3	ALUMINUM UNTHREADED SPACER, .26" ID
4	2" U-BOLT MOUNT PLATE FOR 1/4"-20 THREAD SIZE
5	ZINC-PLATED STEEL SPLIT LOCK WASHER, 0.26" ID
6	ZINC-PLATED STEEL HEX NUT, 1/4"-20 THREAD SIZE

