



OMNIMAX® Indoor Dipole

AP-Dipole-C-IW-S2-BL

The AP-Dipole-C-IW-S2-BL is an ultra-wideband 4G LTE externally mounted antenna providing high efficiency for IoT and M2M applications for indoor 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, and 4G frequency bands in use globally.

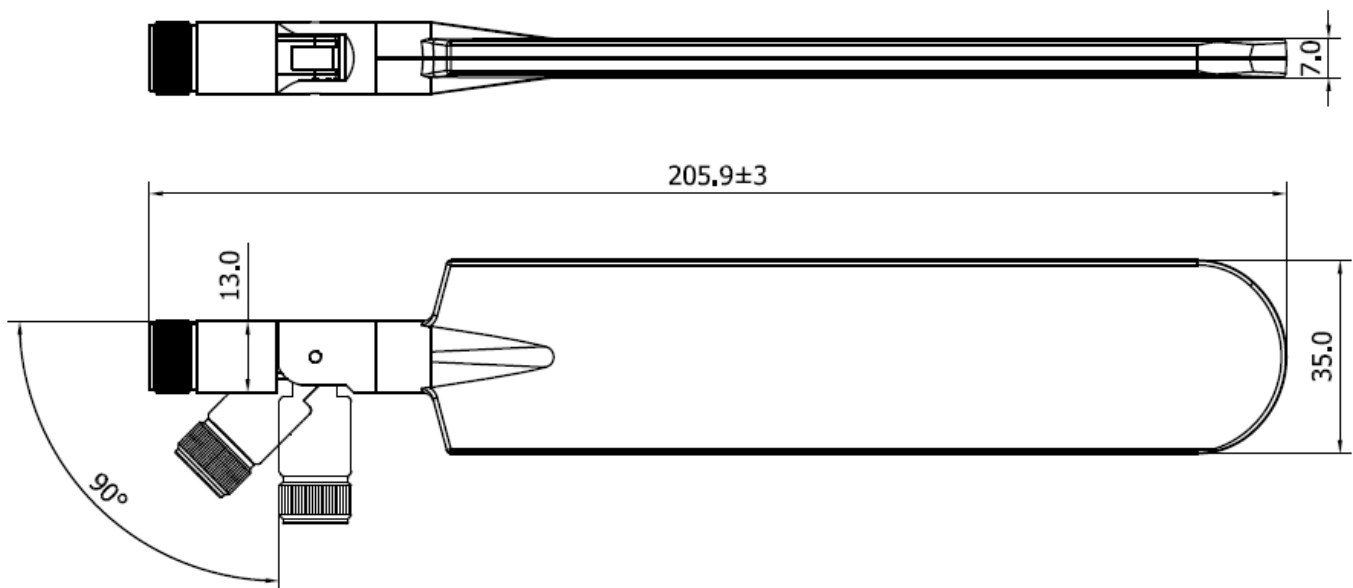
FEATURES

- Omni-directional dipole antenna
- LoRa IoT band coverage (902 - 928 MHz)

ADVANTAGES

- High efficiency

DIMENSIONS

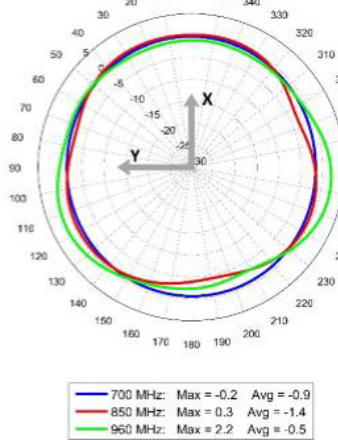
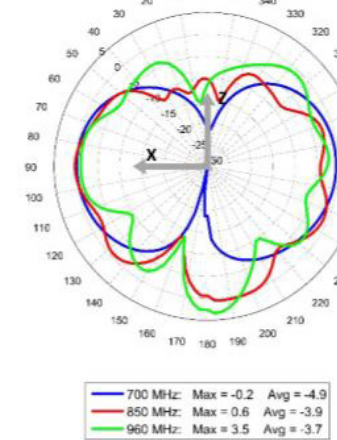
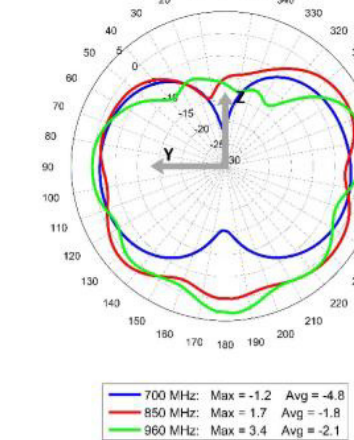
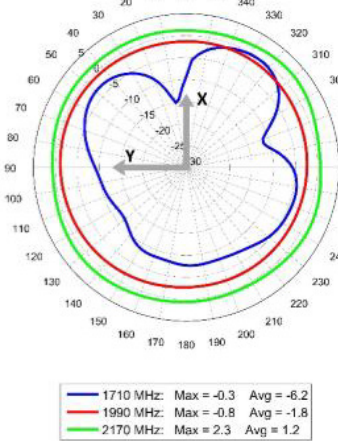
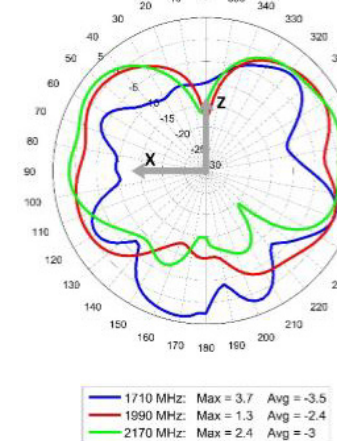
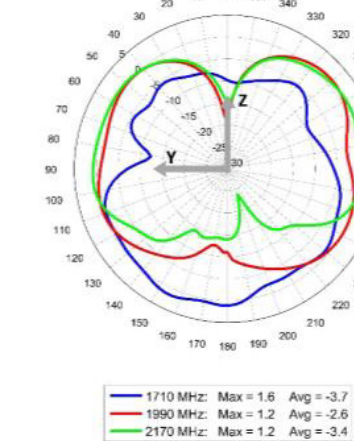
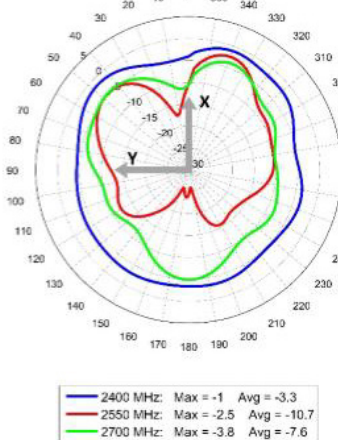
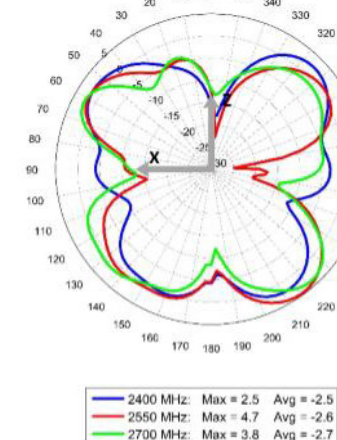


PART NUMBER

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AP-Dipole-C-IW-S2-BL	Multi-band (0.7 to 2.7 GHz) provides international coverage of all cellular bands, as well as ISM band coverage for LoRa and Sigfox, High efficiency (>70%), high omni-directional coverage, 3.7 dBi nominal peak gain, Rotatable 90° hinge base, Indoor Antenna, SMA connector, Black

TECHNICAL SPECIFICATIONS

Standard	LTE
Frequency Range	703-960 MHz; 1710-2170 MHz; 2300-2400 MHz; 2500-2690 MHz
Peak Gain	-0.2 dBi @ 700 MHz; 1.9 dBi @ 850 MHz; 3.5 dBi @ 960 MHz; 3.7 dBi @ 1710 MHz; 1.5 dBi @ 1990 MHz; 2.4 dBi @ 2170 MHz; 2.6 dBi @ 2400 MHz; 4.7 dBi @ 2550 MHz; 5.6 dBi @ 2700 MHz
VSWR	<2:1
Feed Impedance	50 ohms
Power Handling	30 dBm
Interference	SMA Male
Dimensions	205.9 mm(L) x 35 mm(W) x 7.7 mm(H)
Weight	40 g
Temperature Range	-30°C to 75°C (-40°F to + 167°F) Operating and Storage
Humidity Range	5 to 95%

Azimuth XY at 700-960 MHz

Side to Side XZ at 700-960 MHz

Front to Back YZ at 700-960 MHz

Azimuth XY at 1710-2170 MHz

Side to Side XZ at 1710-2170 MHz

Front to Back YZ at 1710-2170 MHz

Azimuth XY at 2400-2700 MHz

Side to Side XZ at 2400-2700 MHz

Front to Back YZ at 2400-2700 MHz
