

M1300AP-NM ZigBee | WiFi 7 Omni Direct Connect Series Antenna Specifications
 Omni-Directional WiFi Bands 1-7 | ZigBee 2.4GHz Antenna
 Direct Connect to Access Point

Frequency Range Band Width	2400-2500MHz / 4900-7125MHz 100MHz / 2225MHz
Gain - Isotropic	4dBi / 7dBi
Horizontal Half Power Beamwidth (°)	360° / 360°
Vertical Half Power Beamwidth (°)	30° / 18°
VSWR	≤2.0 / ≤2.0
Nominal Impedance	50Ω
Polarization	Vertical
Max. Power	50W

Supported WiFi IEEE Standards

WiFi 1-7 ZigBee	WiFi 1 WiFi 2 (802.11ba) WiFi 3 (802.11g) WiFi 4 (802.11n) WiFi 5 (802.11ac) WiFi 6 6E (802.11ax) WiFi 7 (802.11be) IEEE 802.15.4
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Mechanical / Environmental Specifications

Mast	PVC
Dimensions	Height: 12" / 305mm - Mast Dia: 1" / 25mm - Cap Dia: 1.33" / 34mm - Base Dia: 1.33" / 34mm
Antenna Connector Type	N Male RP TNC Male RP SMA Male
Mount Options	Direct Mount Base
Humidity (%)	5 to 95 (Non-Condensing)
Wind Velocity	124 MPH
Operating Temp (°F)	-40° / +158° (°F)
Weight	5.29 oz / 200g

Applications

Applications	WiFi Zigbee Bluetooth Public Safety Networks IoT Industrial IoT (IIoT) Connected Cars Fleet Management Logistics Public Transportation
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Dimensions

Dimensions

Height: 12" / 305mm
Mast Dia: 1.0" / 25mm
Top Cap Dia: 1.33" / 34mm
Base Dia: 1.33" / 34mm

SKU: M1300AP-NM



AG10W WiFi Omni Direct Connect Series Antenna Configuration Options

Configuration Options

M1300AP-TM: AG10W Direct Connect ZigBee | WiFi Antenna - TNC Male
 M1300AP-NM: AG10W Direct Connect ZigBee | WiFi Antenna - N Male
 M1300AP-RSM: AG10W Direct Connect ZigBee | WiFi Antenna – RP SMA Male

SKU: M1300AP-TM



RP TNC Male
 Direct Mount Base

SKU: M1300AP-NM



N Male
 Direct Mount Base

SKU: M1300AP-NM



RP SMA Male
 Direct Mount Base