

AG10C Cellular Omnidirectional Direct Connect Series M2M IoT Antenna Specifications
Multi-Network Omni-Directional Cellular 4G LTE 5G NR Antenna
 Private Networks: Anterix | CBRS | LoRaWAN | WiFi HaLow | Wi-SUN
 Inside | Outside Use

Frequency Range: 4G LTE 5G NR Anterix LoRaWAN WiFi HaLow CBRS Wi-SUN	617~960MHz 1710~6000MHz 896~940MHz 902~928Mhz 3550~3700MHz
Avg Peak Gain Isotropic: 4G LTE 5G NR Anterix LoRaWAN WiFi HaLow CBRS Wi-SUN	(6dBi) 617~960MHz (8dBi) 1710~3800MHz (8dBi) 4900~6000MHz (6dBi) 896~940MHz (6dBi) 902~928Mhz (8dBi) 3550~3700MHz
Typical Efficiency: 4G LTE 5G Elements Anterix LoRaWAN WiFi HaLow CBRS Wi-SUN	617-960MHz >50% 1710-3800MHz >50% 4900-6000MHz >55%
Horizontal Half Power Beamwidth	360° 360°
Vertical Half Power Beamwidth	40° 20°
VSWR	≤2.0 ≤2.0
Nominal Impedance	50Ω
Polarization Radiation	Vertical Omni Directional
Max. Power	50W

Mechanical / Environmental Specifications

Mast	Fiberglass
Dimensions	Mast Dia: 0.70" 18mm - Mount Shaft Dia: 0.76" 19.30mm - Top Cap Dia: 0.8" / 20.32mm
Antenna Base Connectors	N Male TNC Male SMA Male
Mount Options	Direct Connect Base Mount
Ingress Protection	IP67
Wind Velocity	130 MPH
Operating Temp (°F)	-40° +158° (°F)
Weight	8oz 227g



N Male
Direct Connect Base



TNC Male
Direct Connect Base



SMA Male
Direct Connect Base

Supported Cellular Service Provider Networks	
Verizon Including MVNO's	Verizon 4G LTE 5G NR Bands 4G LTE: B2 B4 B5 B13 B46 B48 B66 5G NR: N2 N5 N13 N66 N77 C-Band
T-Mobile Including MVNO's	Mobile 4G LTE 5G NR Bands 4G LTE: B2 B4 B5 B12 B41 B66 B71 5G NR: N2 N25 N41 N71 C-Band
AT&T Including MVNO's	AT&T 4G LTE 5G NR Bands 4G LTE: B2 B4 B5 B12 B14 B17 B29 B30 B48 B66 5G NR: N2 N5 N66 N77 C-Band
Supported Private Networks	
Anterix	Anterix 4G LTE 5G Bands (AG60 Enterprise Series Antennas are Anterix 4G 5G Ready) 900MHz Band (896-901MHz / 935-940MHz) B8 B106
CBRS	CBRS 4G LTE 5G Bands (AG60 Enterprise Series Antennas are CBRS 4G 5G Ready) 3.5GHz Band (3550-3700MHz) B48
WiFi HaLow	WiFi HaLow Bands (AG60 Enterprise Series Antennas are WiFi HaLow Ready) 900MHz Band (902-928MHz) IEEE 802.11ah
LoRaWAN	LoRaWAN 4G LTE 5G Bands (AG60 Enterprise Series Antennas are LoRaWAN Ready) 915MHz Band (902-928MHz) US915
Wi-SUN	Wi-SUN 4G LTE 5G Bands (AG60 Low-Profile Series Antennas are Wi-SUN Ready) 915MHz Band (902-928MHz) IEEE 802.15.4g
Supported WiFi IEEE Standards	
WiFi HaLow Wi-SUN	WiFi HaLow (802.11ah) Wi-SUN (802.15.4g)
Applications	
Applications	Private LTE Networks Public Safety Networks IoT Industrial IoT (IIoT) Utilities Traffic Equipment Management Fleet Management Logistics



AG10C-NM Cellular Omni Direct Connect Series Antenna
 Dimensions

SKU: AG10C-NM

Dimensions

Height: 12.71" / 323mm

Mast Dia: 0.70" / 18mm

Top Cap Dia: 0.8" / 20.32mm

Mount Shaft Dia: 0.76" / 19.30mm

SKU: AG10C-NM



N Female



N Male

N Male



18mm
0.70"

323mm
12.71"

N Male

Direct Connect Base

AG10C-TM Cellular Omni Direct Connect Series Antenna
 Dimensions

SKU: AG10C-TM

Dimensions

Height: 12.60" / 320mm

Mast Dia: 0.70" / 18mm

Top Cap Dia: 0.8" / 20.32mm

Mount Shaft Dia: 0.76" / 19.30mm

SKU: AG10C-TM



N Female



N Male

TNC Male



18mm
0.70"

320mm
12.60"

TNC Male

Direct Connect Base

AG10C-SM Cellular Omni Direct Connect Series Antenna
 Dimensions

SKU: AG10C-SM

Dimensions

Height: 12.56" / 319mm

Mast Dia: 0.70" / 18mm

Top Cap Dia: 0.8" / 20.32mm

Mount Shaft Dia: 0.76" / 19.30mm

SKU: AG10C-SM

