

AG79 4-Lead Cellular Omni MIMO Series M2M IoT Antenna Specifications Multi-Network Omni Directional Multi-MIMO 4 x Cellular 4G LTE 5G NR Private Networks: Anterix / CBRS / LoRaWAN / WiFi HaLow Includes Mounting Hardware / Extension Coax Cables Available	
Frequency Range: 4G LTE 5G NR Anterix / LoRaWAN / WiFi HaLow / CBRS	617-960MHz / 1710-6000MHz 896~940MHz / 902~928Mhz / 3550-3700MHz
Avg Peak Gain Isotropic: 4G LTE 5G NR Anterix LoRaWAN WiFi HaLow CBRS	(5dBi) 617-960MHz / (6dBi) 1710-3800MHz / (7dBi) 4900-6000MHz (5dBi) 896~940MHz / (5dBi) 902~928Mhz / (6dBi) 3550-3700MHz
Typical Efficiency 4G 5G Elements	617-960MHz >50% 1710-3800MHz >50% 4900-6000MHz >55%
Typical Efficiency WiFi HaLow Elements	>50%
Isolation 4G LTE 5G Elements	>10dB
Correlation Co-efficient 4G LTE 5G Elements	<0.2
Horizontal Half Power Beamwidth	360° / 360°
Vertical Half Power Beamwidth	60° / 40°
VSWR	≤2.0 / ≤2.0
Nominal Impedance	50Ω
Polarization	Multi-MIMO 4 x Vertical Omni Directional
Max. Power	50W
Mechanical / Environmental Specifications	
Application	Outside
Radome	High Impact Polycarbonate Height: 35.125" / 892mm - Diameter: 3.125" / 79.38mm
Coax Cables	4 x 1ft AGA200 Coax Cables Extension Coax Cable Options Available (Sold Separately) All Standard Connector Ends Available (Including SMA QMA TNC FAKRA N Connector Ends)
Connector Type	4 x N Female
Mounting Hardware (Stainless Steel)	Includes Mounting Hardware Bracket Mount + 2 x U-Bolt Sets
Mounting Mast Diameter	2"~3.5" / 50mm~90mm
Ingress Protection	IP69K
Wind Velocity	135 MPH
Operating Temp (°F)	-40° / +158° (°F)
Weight	7lbs / 3.2kg Includes Mounting Hardware

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

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

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

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



AG79 4-Lead Cellular Omni MIMO Series Antenna
Dimensions / Mounting Hardware

79.38mm
3.125"

SKU: AG79-4NF



892mm
35.125"



Mounting Pole
Not Included



Includes
Stainless Steel
Mounting Bracket



Includes
4 x 1ft Coax Cables

Includes
4 x N Female
Connector Ends



Includes
2 x U-Bolt Sets

AGA Ultra Low-Loss Extension Coax Cables
(Sold Separately)

Finished AGA195 | AGA240 | AGA400 Extension Coax Cables (Lengths: 15ft - 100ft) - N Male
AG79 Extension Cable Options: N Male / SMA Male | N Male / QMA Male | N Male / TNC Male | N Male / FAKRA-D



N Male

SMA Male



QMA Male



TNC Male



FAKRA-D



AGA Ultra Low-Loss Extension Coax Cables / 1ft AGA200 Adapter Cables
(Sold Separately)

Finished AGA195 | AGA240 | AGA400 Extension Coax Cables (Lengths: 15ft - 100ft) – N Male / N Male
Adapter Cable Options: N Female / SMA Male | N Female / QMA Male | N Female / TNC Male | N Female / FAKRA-D



N Male

N Male

SKU: AGA200-1-NF-SM

SKU: AGA200-1-NF-QM

1ft AGA200 Adapter Cable
N Female / SMA Male

1ft AGA200 Adapter Cable
N Female / QMA Male

N Female 1ft AGA200 Coax Adapter Cables
SMA Male | QMA Male | TNC Male | FAKRA-D

SKU: AGA200-1-NF-TM

SKU: AGA200-1-NF-FAKRA-D

1ft AGA200 Adapter Cable
N Female / TNC Male

1ft AGA200 Adapter Cable
N Female / FAKRA-D

System Lightning Surge Protection Kits / Ground Kits / J-Pipe Mount
 (Sold Separately)

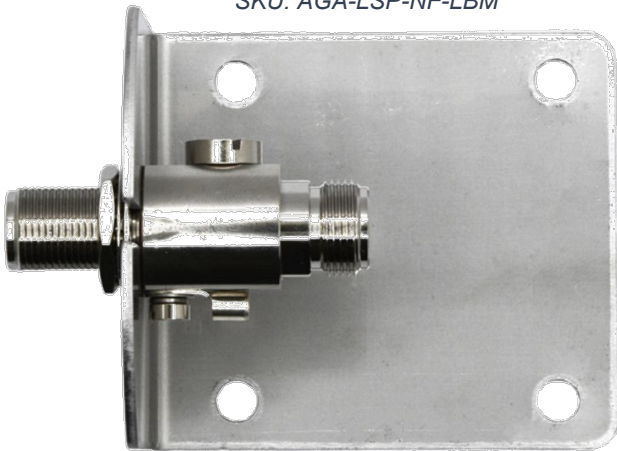
Surge Protector - NF
 SKU: AGA-LSP-AXP-NF



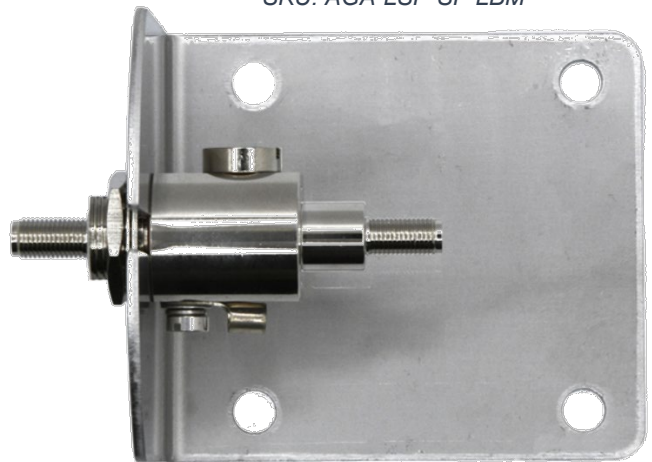
Surge Protector - SF
 SKU: AGA-LSP-AXP-SF



Surge Protector w/ L-Bracket Mount Kit
 SKU: AGA-LSP-NF-LBM



Surge Protector w/ L-Bracket Mount Kit
 SKU: AGA-LSP-SF-LBM



Ground Kit
 SKU: AGA-GND-KIT-20



Adjustable J-Pipe Mount
 SKU: AGA-JPIPE-M

