



AG17M 2-Lead Omni MIMO Series Cellular / WiFi Antenna Specifications
Multi-Network Omni MIMO 2 x Cellular 4G LTE 5G NR / MIMO 2 x WiFi 6
Private Networks: Anterix / CBRS / LoRaWAN / WiFi HaLow
Includes Rare Earth Magnetic Mount | 1ft Coax Cables / 16ft Coax Cables

Frequency Range: 4G LTE 5G NR Anterix / LoRaWAN / WiFi HaLow / CBRS Frequency Range WiFi 6	617-960MHz / 1710-6000MHz 896~940MHz / 902~928MHz / 3550-3700MHz 2.4-2.5GHz / 4.9-6GHz (Concurrent)
Avg Isotropic Peak Gain: 4G LTE 5G NR : Anterix LoRaWAN WiFi HaLow CBRS Avg Isotropic Peak Gain: WiFi 6	(3dBi) 617-960MHz / (4dBi) 1710-3800MHz / (5dBi) 4900-6000MHz (3dBi) 896~940MHz / (3dBi) 902~928MHz / (3dBi) 3550-3700MHz (5dBi) 2.4~6GHz
Typical Efficiency: 4G LTE 5G Elements Anterix LoRaWAN WiFi HaLow CBRS Typical Efficiency: WiFi Elements	617-960MHz >72% 1710-3800MHz >72% 4900-6000MHz >87%
Isolation: 4G LTE 5G Elements Anterix LoRaWAN WiFi HaLow CBRS Isolation: WiFi 6 Elements	>10dB >10dB >12dB
Correlation Co-efficient: 4G 5G Elements Anterix LoRaWAN WiFi HaLow CBRS Correlation Co-efficient: WiFi 6 Elements	<0.2 <0.2 <0.2
Horizontal Half Power Beamwidth	360° / 360°
Vertical Half Power Beamwidth	70° / 35°
VSWR	≤2.0 / ≤2.0
Nominal Impedance	50Ω
Polarization	MIMO 2 x Vertical Omni Directional
Max. Power	50W
Mechanical / Environmental Specifications	
Radome	High Impact Polycarbonate Height: 5.62" / 142.75mm – Diameter: 2.48" / 63mm
16ft Coax Cables 1ft Coax Cables	2 x 16ft AGA200 Coax Cables 2 x 1ft AGA200 Coax Cables (Custom Length Coax Cable Options are Available. Contact us for details)
Connector Types	All Standard RF Connectors Available (Including SMA TNC QMA FAKRA N)
Mount Type	Rare Earth Magnetic Mount
Ingress Protection	IP69K
Wind Velocity	120 MPH
Operating Temp	-40° / +80°C (-40° / +176°F)
Net Weight	1.5bs / 0.7kg



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1ft Coax Cables | 16ft Coax Cables

Supported Cellular Service Provider Networks	
Verizon <i>Including MVNO's</i>	Verizon 4G LTE 5G NR Bands 4G LTE: B2 B4 B5 B13 B46 B48 B66 5G NR: N2 N5 N13 N66 N77
T-Mobile <i>Including MVNO's</i>	Mobile 4G LTE 5G NR Bands 4G LTE: B2 B4 B5 B12 B41 B66 B71 5G NR: N2 N25 N41 N71
AT&T <i>Including MVNO's</i>	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
Supported WiFi IEEE Standards	
WiFi 1-6	WiFi 1 WiF 2 (802.11ba) WiFi 3 (802.11g) WiFi 4 (802.11n) WiFi 5 (802.11ac) WiiFi 6 6E (802.11ax)



AG17M Omni MIMO Series Antenna
 Dimensions / Magnetic Mount



AG17M 2-Lead Omni MIMO Antenna Configuration Options – Magnetic Mount (2 x 16ft Coax Cables)

Configuration Options
(SMA)

AG17M-16-2C: MIMO 2 x Cellular 4G 5G Antenna w/2 x 16ft Coax Cables – 2 x SMA Male
 AG17M-16-2W: MIMO 2 x WiFi 6 Antenna w/2 x 16ft Coax Cables – 2 x RP SMA Male
 AG17M-16-CW: Cellular 4G 5G / WiFi 6 Antenna w/2 x 16ft Coax Cables – SMA Male / RP SMA Male



AG17M-16

Magnetic Mount

AG17M-16-2C



AG17M-16-2W



AG17M-16-CW



Includes
 2 x 16ft AGA200 Coax Cables

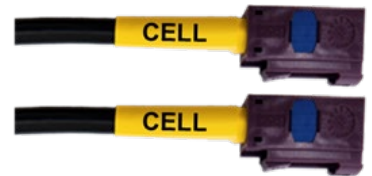
AG17MF 2-Lead Omni MIMO Antenna Configuration Options – Magnetic Mount (2 x 16ft Coax Cables)

Configuration Options (FAKRA)

AG17MF-16-2C: MIMO 2 x Cellular 4G 5G Antenna w/2 x 16ft Coax Cables – 2 x FAKRA
 AG17MF-16-2W: MIMO 2 x WiFi 6 Antenna w/2 x 16ft Coax Cables – 2 x FAKRA
 AG17MF-16-CW: Cellular 4G 5G / WiFi 6 Antenna w/2 x 16ft Coax Cables – 2 x FAKRA

AG17MF-16-FAKRA

AG17MF-16-2C



AG17MF-16-2W



AG17MF-16-CW



Includes
 2 x 16ft AGA200 Coax Cables

Rare Earth
 Magnetic Mount

AG17M 2-Lead Omni MIMO Antenna Configuration Options – Magnetic Mount (2 x 1ft Coax Cables)

Configuration Options (NF)

AG17M-1-2C: MIMO 2 x Cellular 4G 5G Antenna w/2 x 1ft Coax Cables – 2 x NF
 AG17M-1-2W: MIMO 2 x WiFi 6 Antenna w/2 x 1ft Coax Cables – 2 x NF
 AG17M-1-CW: Cellular 4G 5G / WiFi 6 Antenna w/2 x 1ft Coax Cables – 2 x NF

Includes
 2 x 1ft Coax Cables
 Magnetic Mount
 (Extension Cables Sold Separately)

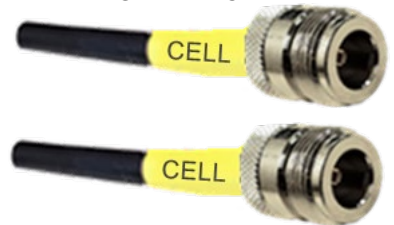
AG17M-1-NF



Magnetic Mount



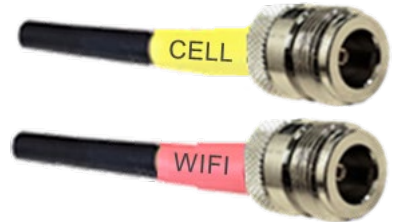
AG17M-1-2C



AG17M-1-2W



AG17M-1-CW





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Includes: Rare Earth Magnetic Mount | Outside Use
1ft Coax Cables | 16ft Coax Cables

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

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



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

1ft AGA200 Adapter Cable
 N Female / SMA Male

SKU: AGA200-1-NF-QM

1ft AGA200 Adapter Cable
 N Female / QMA Male

Cellular 1ft N Female Coax Adapter Cables
 SMA Male | QMA Male | TNC Male | FAKRA-D
 WiFi 1ft N-Female Coax Adapter Cables Available
 RP SMA Male / RP TNC Male / FAKRA-I

SKU: AGA200-1-NF-TM

1ft AGA200 Adapter Cable
 N Female / TNC Male

SKU: AGA200-1-NF-FAKRA-D

1ft AGA200 Adapter Cable
 N Female / FAKRA-D

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

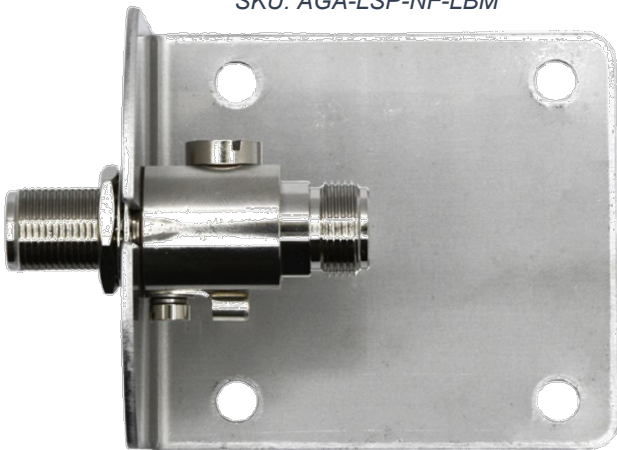
Surge Protector - NF
SKU: AGA-LSP-AXP-NF



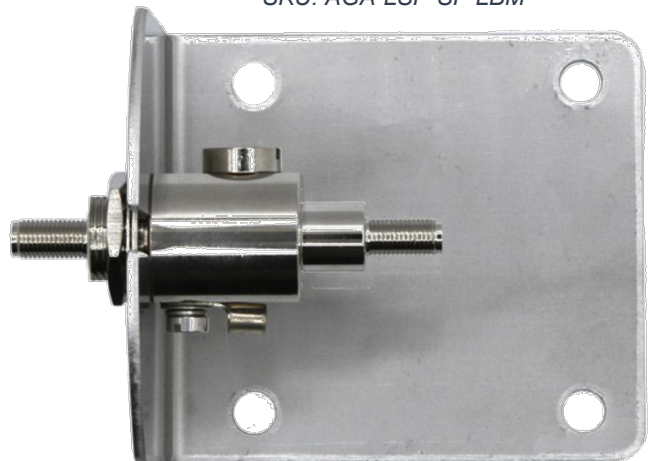
Surge Protector - SF
SKU: AGA-LSP-AXP-SF



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

