



AG-YAGI-10 Directional Multi-Network Cellular 4G 5G | WiFi 6E Antenna
Log Periodic Directional Cellular 4G LTE 5G NR C | WiFi 2.4~6.0 GHz
Private Networks: Anterix CBRS LoRaWAN WiFi-HaLow Wi-SUN
Compatible with Smart Router Antenna Technology
Includes 1ft Coax Cable / Tilt-Bracket Mount

AG-YAGI-10 Directional Cellular 4G 5G | WiFi 6E Antenna w/ L-Bracket Mount
Multi-Network Directional Cellular 4G LTE 5G NR C-Band | WiFi 6E Antenna
Private Networks: Anterix CBRS LoRaWAN WiFi-HaLow Wi-SUN
Includes 1ft Coax Cables / Tilt-Bracket Mount Hardware

Frequency Range: 4G LTE 5G NR Anterix LoRaWAN WiFi-HaLow Wi-SUN CBRS WiFi Band 1-6E	617-960 1710-2700 3300-4200 4700-5000 5000-6000 896~940MHz 902~928Mhz 3550-3700MHz 2.4GHz 5GHz 6GHz
Avg Isotropic Peak Gain: 4G LTE 5G NR Anterix LoRaWAN WiFi-HaLow Wi-SUN CBRS WiFi Band 1-6E	8.5dBi 10dBi 10dBi 10dBi 10dBi 8.5dBi 8.5dBi 8.5dBi 10dBi 10dBi 10dBi 10dBi
Horizontal Half-Power Beamwidth (°)	85° 60° 55° 55° 55°
Vertical Half-Power Beamwidth (°)	60° 50° 50° 40° 40°
Polarization	Vertical
VSWR	≤1.5
Front to Back Ratio (dB)	≥20
Max. Power	100W
Nominal Impedance	50Ω
Mechanical / Environmental Specifications	
Application	Outside
Radome	UV Resistant ABS
Dimensions	Length 293mm (11.53") / Height 210mm (8.27") / Thickness 65mm (2.56")
Coax Cables	1ft AGA200 Coax Cables – N Female Extension Cables Sold Separately All Standard Connector Ends Available
Connector Types	N Female
Mounting Hardware (Stainless Steel)	Includes Tilt-Bracket Mount Hardware w/ 2 x U-Bolt Sets
Mounting Mast Diameter	1.5"~2.0" / 38mm~51mm
Ingress Protection	IP67
Humidity	5%~95%
Wind Velocity	130 MPH
Operating Temp (°F)	-40° / +158° (°F)
Weight	2.2lbs / 1kg Includes mounting hardware



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Multi-Network Cellular / WiFi Configuration Options - NF

Cellular

Cellular 4G LTE 5G NR C-Band

WiFi

WiFi Bands 1-6E



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 N79 (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 N79 (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 N79 (C-Band)

Supported Private Networks

Anterix

Anterix 4G LTE 5G Bands (AG Antennas are Anterix 4G 5G Ready)
900MHz Band (896-901MHz / 935-940MHz)
B8 B106

CBRS

CBRS 4G LTE 5G Bands (AG Antennas are CBRS 4G 5G Ready)
3.5GHz Band (3550-3700MHz)
B48

WiFi HaLow

WiFi HaLow Bands (AG Antennas are WiFi HaLow Ready)
900MHz Band (902-928MHz)
IEEE 802.11ah

LoRaWAN

LoRaWAN 4G LTE 5G Bands (AG Antennas are LoRaWAN Ready)
915MHz Band (902-928MHz)
US915

Wi-SUN

Wi-SUN 4G LTE 5G Bands (AG Antennas are Wi-SUN Ready)
915MHz Band (902-928MHz)
IEEE 802.15.4g

Supported WiFi IEEE Standards

WiFi 1-6E

WiFi 1 WiFi 2 (802.11ba) WiFi 3 (802.11g) WiFi 4 (802.11n) WiFi 5 (802.11ac) WiFi 6 6E (802.11ax)

WiFi HaLow | Wi-SUN

WiFi HaLow (802.11ah) Wi-SUN (802.15.4g)



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AG-YAGI-10 Directional Cellular 4G LTE 5G NR | WiFi 6E Antenna
Dimensions / Tilt L-Bracket Mount

Dimensions

Height: 8.27" / 210mm

Length: 11.53" / 293mm

Thickness: 2.56" / 65mm

SKU: AG-WBYAGI-10-NF

293mm / 11.53"



1ft Coax Cable
N Female

Includes Tilt L-Bracket Mount



Mounting Pole
Not Included

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

Finished AGA195 | AGA240 | AGA400 Extension Coax Cables (Lengths: 15ft - 100ft)
 Extension Coax Cable Connector End Options: SMA | TNC | FAKRA | QMA | N Type



N Male

N Male

SMA Male



WiFi: RP SMA Male



WiFi: SMA Male



TNC Male



WiFi: TNC Male



WiFi: RP TNC Male



FAKRA-D



FAKRA-I



QMA Male



WiFi N-Male



AG-Yagi Directional Series Antenna – N Female Adapter Cables
 Finished Coax Cables w/ AG25 Adapter Cable Options

Finished AGA195 | AGA240 | AGA400 Extension Coax Cables (Lengths: 15ft - 100ft) – N Male / N Male
 N Female 1ft Adapter Cable Options: SMA | TNC | QMA | FAKRA | N Type



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

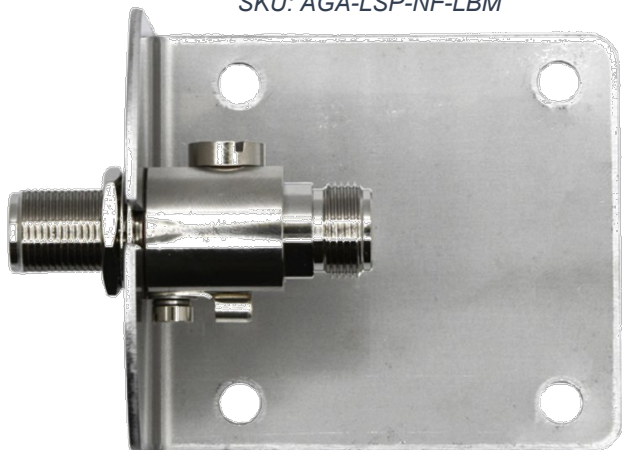
Surge Protector - NF
 SKU: AGA-LSP-AXP-NF



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

