

5G LPDA Yagi Antenna with N Connector

Part No: AD LY660V11 NF



Product Overview

Covering all 4G and 5G bands from 600-6000MHz. Our LPDA antenna enhances signal performance for 4G and 5G Networks anywhere you may be, far from your tower.

Features N Female connector, outdoor rated, and heavy duty. Includes mounting hardware and bolts for fixed most all outdoor installations.

When correctly installed, and connected, this antenna can transform an unreliable 4G/5G connection into a fast and reliable 4G/5G internet connectivity service. Serves dual band WiFi as well.

Technical Specifications

Electrical Specifications

Parameter	Specification
Frequency Range	600-960/1710-6000MHz
Gain	9/11dBi
Front-to-Back Ratio	>16dB
V.S.W.R	≤1.8
Horizontal Beam Width	90°
Vertical Beam Width	60°
Polarization	Vertical

Impedance	50Ω
Maximum Input Power	50W
Lightning Protection	DC Grounded

Physical & Mechanical Specifications

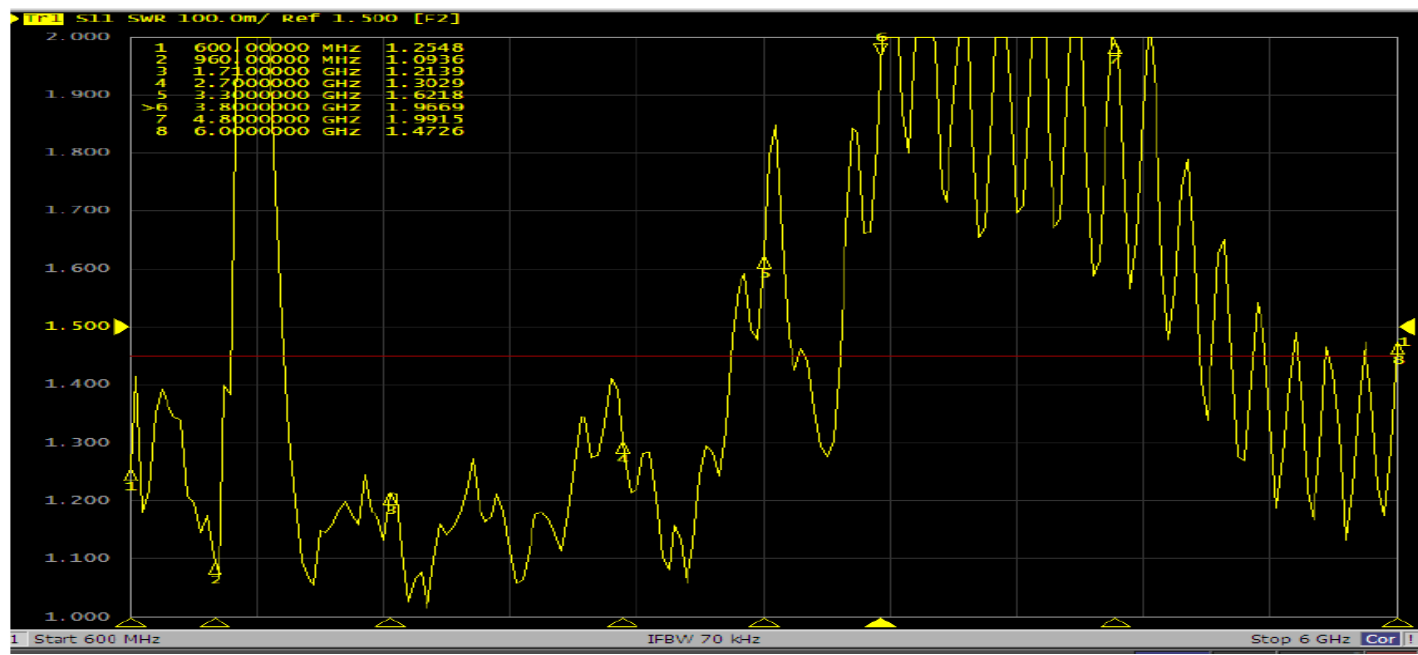
Parameter	Specification
Dimensions	17.32 × 8.23 × 2.76 inch
Weight	1.76lb
Connector Type	N Female
Cable Type	RG58U
Cable Length	~12in
Radome Material	ABS
Mount Type	Pole Mount
Installation Pole Diameter	Ø1.18" ~ Ø2"
Operating Temperature	-40°F to +176°F
Rated Wind Velocity	196.85 ft/s
RoHS Compliant	YES

Performance Data

Frequency (MHz)	Directivity (dB)	Gain (dB)	Efficiency (dB)	Efficiency (%)	BW@Phi=0 (degrees)	BW@Phi=90 (degrees)
600	6.70	5.15	-1.54	70.08	69.33	102.65
698	8.73	8.83	0.10	102.31	56.90	84.04
800	9.21	9.18	-0.02	99.47	58.46	80.73
960	9.25	8.83	-0.42	90.74	59.73	79.18
1710	9.90	8.69	-1.21	75.60	54.22	75.11
2170	9.67	8.34	-1.32	73.71	51.60	79.59
2700	9.43	7.89	-1.54	70.12	55.50	76.67
3300	8.94	7.12	-1.82	65.78	60.03	87.15
3500	9.02	7.15	-1.87	65.03	58.78	82.48
3800	9.76	7.88	-1.88	64.88	49.71	67.92
4000	9.36	7.23	-2.13	61.21	54.76	68.73
4900	10.57	7.88	-2.69	53.84	45.29	57.86
5100	10.47	7.59	-2.87	51.58	49.11	55.52
6000	9.28	6.17	-3.11	48.87	40.77	55.86

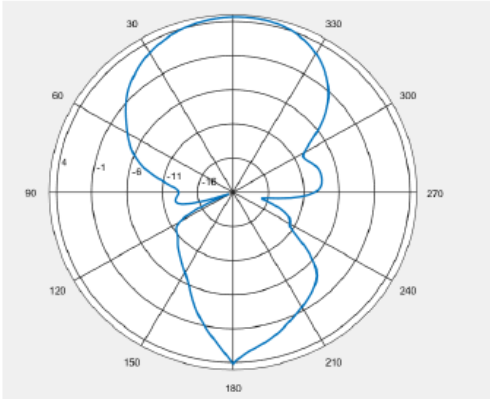
V.S.W.R Performance

VSWR measurements across the full frequency range (600MHz - 6GHz)

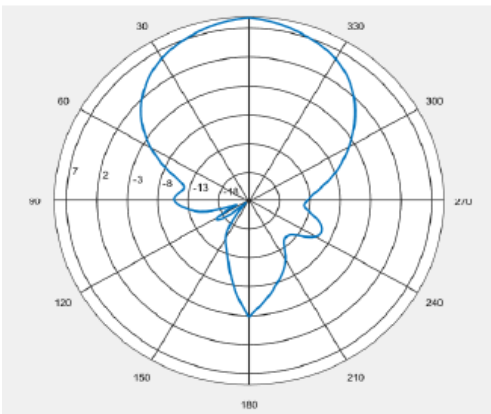


Radiation Patterns

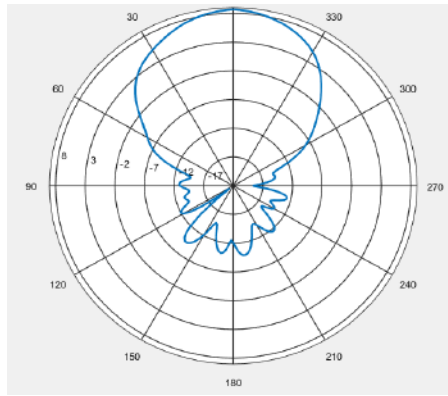
600MHz



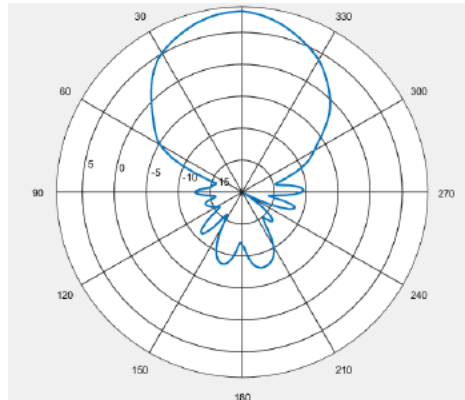
698MHz



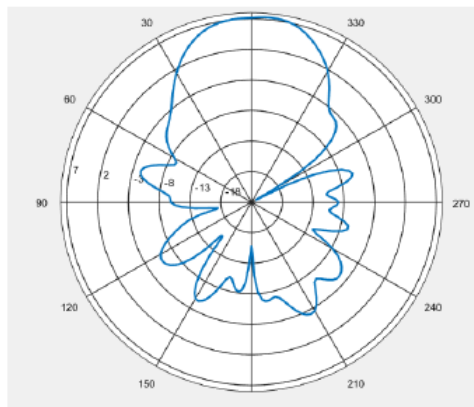
1710MHz



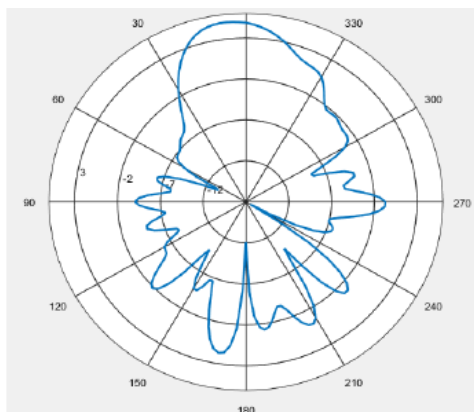
2700MHz



4900MHz



6000MHz



Contact Information

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Purchase Information

Available for purchase at:

store.thewirelesshaven.com

Professional support available