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Laird YA9-11 11 dBi Yagi Antenna, 860 to 960MHz

SKU: ANT-LA-00002

MPN: 814-YA9-11

Description

The Laird YA9-11 Yagi Antenna, designed by Laird Connectivity, offers exceptional performance for wireless systems within the 860 to 960 MHz frequency range. With an 11 dBi peak gain, this antenna provides robust signal strength, ideal for applications requiring reliable long-range communication. Constructed from durable Stainless Steel (304), it ensures resilience in diverse environmental conditions, operating effectively from -45°C to 70°C.

The antenna is vertically polarised and features a single N Female RF connection, supporting up to 100 W of input power with a 50 Ω impedance, making it suitable for various industrial and commercial applications. Its compact design, measuring 35.4 inches in length and weighing only 1.1 kg, facilitates easy installation and integration into existing systems.

Compliant with RoHS standards, the YA9-11 Yagi Antenna is a dependable choice for infrastructure antenna systems, telematics, wireless M2M...

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Laird Connectivity

Laird Connectivity designs, develops, manufactures, and supports wireless systems solutions and performance materials for wireless and other advanced electronics applications. Its wireless systems solutions include infrastructure antenna systems, embedded wireless modules, telematics and wireless M2M solutions, wireless automation and control solutions, and connectivity products.

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RF Specification

Start Frequency:	860 MHz	Polarisation:	Vertical (V)
Stop Frequency:	960 MHz	Input Impedance:	50 Ω
Max. Input Power:	100 W		

RF Connectors

Ports	RF Interface
1	N Female

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth	F/B Ratio
860 MHz	960 MHz	11 dBi	< 1.5:1	50°	> 15 dB

Physical Specification

Subtype:	Yagi	Dimensions:	35.4 in x 6 in
Input Ports:	1	Materials:	Stainless Steel (304)
MIMO:	1x1 SISO	Weight:	1.1 kg
Min. Operating Temperature:	-45 °C	Compliance/Certifications:	RoHS
Max. Operating Temperature:	70 °C		

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