

824 MHz to 960 MHz 9 dBi Aluminum Yagi Antenna,
Black, N Type Female Connector



HG909YE-NF-BLK

Features

- 9 dBi gain & all weather Anodized Aluminum construction
- Can be installed for either vertical or horizontal polarization
- Heavy-duty 1/2" Aluminum boom
- 15 inch coax lead & 1/8" thick plated steel mounting plate
- Solid Aluminum 1/8" elements
- Black powder coating to prevent weather deterioration

Applications

- 900MHz ISM Band & Wireless LAN systems
- Point to multipoint & Non Line of Sight (NLOS) applications
- RFID & SCADA
- 900MHz Cellular and GSM
- LPWAN, LoRA, IoT, M2M applications

Description

The L-com HG909YE-NF-BLK High-Performance Yagi Antenna in an economical package combines accurate gain with a wide beam-width, ideally suited for directional applications in the 900MHz ISM and GSM bands. This series of Yagi antennas provides the user with an anodized aluminum boom, solid elements, low loss series 400 COAX, and rugged mounting hardware.

This yagi antenna features 9 dBi of gain from 824 MHz to 960 MHz and an N Type Female connector. The L-com HG909YE-NF-BLK is powder coated with black paint to prevent icing or corrosion in harsh environmental conditions.

This 9 dBi 824 MHz to 960 MHz yagi antenna with a Female N Type connector, as well as our wide selection of superior quality RF parts, ships same day. Contact our knowledgeable and friendly technical support and sales staff for your answers on antennas or other L-com products.

Configuration

Design	Portable
Band Type	Single
Polarization	Vertical/Horizontal
Connector Type	N Female
Lightning Protection	DC Ground

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	824		960	MHz
Input VSWR			1.6:1	
Impedance		50		Ohms
Gain		9		dBi
Horizontal (Azimuth) HPBW		70		Degrees
Vertical (Elevation) HPBW		55		Degrees
Input Power			50	Watts

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[824 MHz to 960 MHz 9 dBi Aluminum Yagi Antenna, Black, N Type Female Connector HG909YE-NF-BLK](#)

824 MHz to 960 MHz 9 dBi Aluminum Yagi Antenna,
Black, N Type Female Connector



HG909YE-NF-BLK

Mechanical Specifications

Environmental Specifications

Temperature

Operating Range

-30 to +60 deg C

Wind Survivability

210 MPH [337.96 KPH]

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

824 MHz to 960 MHz 9 dBi Aluminum Yagi Antenna, Black, N Type Female Connector from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to impliment improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.