

L-Com HG-2327DP-22EG-NF Directional Dish Antenna

https://www.l-com.com/Images/Downloadables/Datasheets/ds_HG-2327DP-22EG-NF.pdf

automatically tracking the aircraft using the

Quickset MPT-90/50 or QPT-50 Positioner

<https://www.quickset.com/wp-content/uploads/2022/10/Quickset-Defense-MPT90-Datasheet.pdf>

https://www.quickset.com/wp-content/uploads/2022/10/Quickset-Defense-MPT_50_Datasheet.pdf

<https://www.quickset.com/wp-content/uploads/2022/10/Quickset-Defense-QPT-50-Datasheet.pdf>

2300-2700 MHz 22 dBi Gain Mesh Parabolic 2x2 MIMO
Dish Antenna - 2 x Type N Female Connector



HG-2327DP-22EG-NF

Features

- Low Windload Mesh Design
- +/-45 Slant Polarization
- 22 dBi Gain
- 2x2 MIMO
- Type N Female Connector

Applications

- IEEE 802.11b/g/n wireless LAN, WiFi systems
- Long range directional applications
- 2.4 GHz ISM band
- Point to point and point to multi-point applications
- Wireless bridges and backhaul applications

Description

The L-com HG-2327DP-22EG-NF is a high performance WiFi Mesh Parabolic Dish antenna specifically designed for point to point communication. L-com's HG-2327DP-22EG-NF has 20 to 21 dBi gain and can be used to broadcast 2.4 GHz WiFi or unlicensed signals. The HG-2327DP-22EG-NF operates from 2300 to 2700 MHz which is ideal for Industrial, Medical, Science or other unlicensed applications including IEEE 802.11b/g/n Wireless LAN, Wireless Bridge and Backhaul. The Multiport design of the L-com HG-2327DP-22EG-NF antenna enables 2x2 MIMO applications.

The HG-2327DP-22EG-NF from L-com has directional patterns with Dual Slant ($\pm 45^\circ$) polarization and features 2 x Type N Female connectors. The Type N connectorized HG-2327DP-22EG-NF antenna from L-com is designed specifically for outdoor operation and is ideal for point to point use in large open areas such as base station installations or backhaul. The included mounting bracket and hardware makes this antenna very easy to install. This WiFi Mesh Parabolic Dish antenna just like our wide selection of superior quality RF parts, ship same day. Contact our knowledgeable and friendly technical support and sales staff for your answers on antennas or other L-com products."

Configuration

Design	Grid
Band Type	Single
Radiation Pattern	Directional
Polarization	H/V or 45 Deg. Slant
Connector Type	N Female
Lightning Protection	DC Ground

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	2,300		2,700	MHz
Input VSWR		2:1	2.5:1	
Impedance		50		Ohms
Gain		22		dBi
Gain			24	dBi
Gain Variation		± 2		dBi
Front to Back Ratio	30			dB

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
2300-2700 MHz 22 dBi Gain Mesh Parabolic 2x2 MIMO Dish Antenna - 2 x Type N Female Connector HG-2327DP-22EG-NF

2300-2700 MHz 22 dBi Gain Mesh Parabolic 2x2 MIMO
Dish Antenna - 2 x Type N Female Connector



HG-2327DP-22EG-NF

Horizontal (Azimuth) HPBW	11	Degrees
Vertical (Elevation) HPBW	11	Degrees
Input Power	50	Watts

Mechanical Specifications

Size

Length	24 in [609.6 mm]
Width	24 in [609.6 mm]
Height	12 in [304.8 mm]
Mounting Mast Diameter	1.18 to 1.96 in [29.97 to 49.78 mm]
Weight	4.4 lbs [2 kg]

Environmental Specifications

Temperature

Operating Range -40 to +70 deg C

Mechanical Tilt 15 Degrees

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

Plotted and Other Data

Notes:

2300-2700 MHz 22 dBi Gain Mesh Parabolic 2x2 MIMO Dish Antenna - 2 x Type N 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.