

Indoor DAS Panel Antenna, 6.5 dBi, 698 MHz-4000 MHz, N-Female, 4x4 MIMO, Low PIM



HG74207XXPPR-NF

Features

- Indoor distribution of 5G, LTE, GSM/CDMA
- In-building public or private networks
- LPWAN, LoRA, LTE-M, NB-IoT, IoT, M2M applications
- DAS (Distributed Antenna Systems)

Applications

- Low Passive Intermodulation (PIM) <-153 dBc @ 2x20W
- Vertical Polarization
- Low return loss, stable performance
- 4 x N-Female connector
- Covers 5G frequency bands including 600 MHz and extended CBRS

Description

L-Com's Indoor DAS Panel Antenna HG74207XXPPR-NF is in stock and ready to ship the same-day of order. The HG74207XXPPR-NF indoor panel antenna comes with 6.5dBi high gain, 4X4 MIMO and N female connectors. This indoor DAS panel antenna has a wide band frequency range from 698 MHz to 4000 MHz. The 4 port capabilities increase the 5G data speeds up to 4 x that of a single antenna. L-Com's Low PIM (low internal noise) N female increases the throughput, data speeds, quality of connection and allows more users to connect to the antenna.

Our antenna specialists are ready and available to answer any questions you may have on the HG74207XXPPR-NF indoor DAS panel antenna. The indoor wall antenna has a low PIM rating and low-loss pigtailed with 75/70/68 degree horizontal beamwidths and 70/70/60 degree vertical beamwidths that provide installation flexibility. The 6.5dBi panel antenna low profile designs allow for seamless installation indoors without creating eyesores or potential interference with indoor personnel. These low PIM antennas have low loss pigtailed that allows for installation flexibility.

Contact L-Com's expert technical support for assistance with the indoor DAS panel antenna or any Antenna. Our knowledgeable sales team simplifies the purchasing process and ensures that your panel antenna will be exact to specification.

The antenna HG74207XXPPR-NF from L-Com provides a higher quality connection and improved longevity. Order your 4-port low PIM (low noise) Indoor DAS Panel Antenna HG74207XXPPR-NF from L-Com today. There is no MOQ (minimum order quantity) and the product ships same day from our warehouse.

Configuration

Design	Panel
Application Band	MIMO
Band Type	Wide
Radiation Pattern	Directional
Polarization	Vertical/Horizontal
Connector Type	N Female
Interface 2	N Female
Interface 3	N Female
Interface 4	N Female
Number of Ports	4

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[Indoor DAS Panel Antenna, 6.5 dBi, 698 MHz- 4000 MHz, N-Female, 4x4 MIMO, Low PIM HG74207XXPPR-NF](#)

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Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	698		4,000	MHz
Input VSWR			1.8:1	
Impedance		50		Ohms
Gain	6		6.5	dBi
Input Power			50	Watts
Passive Intermodulation 3rd order, 2 x 20 W			-153	dBc

Specifications by Band

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	0.698 to 0.96	1.71 to 2.7	3.3 to 4			GHz
Gain	6	6.5	6.5			dBi
Horizontal HPBW	75	70	68			Degrees
Vertical HPBW	70	70	60			Degrees
Port to Port Isolation	15	20	23			dB
VSWR Max	1.8:1	1.8:1	1.8:1			

Mechanical Specifications

Radome Material	ABS
Size	
Length	12.126 in [308 mm]
Width	16.5354 in [420 mm]
Height	3.22835 in [82 mm]
Weight	6.17 lbs [2.8 kg]

Environmental Specifications

Temperature	
Operating Range	-55 to +60 deg C
Humidity	<95

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

Plotted and Other Data

Notes:

Indoor DAS Panel Antenna, 6.5 dBi, 698 MHz- 4000 MHz, N-Female, 4x4 MIMO, Low PIM 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.

L-com CAD Drawing

