

Indoor DAS Ceiling Omni Antenna, 5 dBi, 617 MHz
- 6000 MHz, 4 x N-Female, Low PIM



HG65806QPCUPR-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 all sub 6 GHz 5G frequency bands including 600 MHz and extended CBRS
- 360 degree omnidirectional pattern

Description

L-Com's Indoor DAS Ceiling Omni Antenna HG65806QPCUPR-NF is in stock and ready to ship the same-day of order. The HG65806QPCUPR-NF indoor ceiling omni antenna comes with 6dBi gain and 4 x N-female connectors. This DAS indoor ceiling omni antenna has a wide band frequency range from 617MHz to 6000MHz. 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) 4xN female increases the throughput, data speeds, quality of connection and allows more users to connect to the antenna.

Our omni antenna specialists are ready and available to answer any questions you may have on the HG65806QPCUPR-NF indoor DAS ceiling omni antenna. The 6dBi ceiling omni 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 ceiling omni antenna or any Antenna. Our knowledgeable sales team simplifies the purchasing process and ensures that your ceiling Omni antenna will be exact to specification.

The omni antenna HG65806QPCUPR-NF from L-Com provides a higher quality connection and improved longevity. Order your 4-port low PIM (low noise) Indoor DAS Ceiling Omni Antenna HG65806QPCUPR-NF from L-Com today. There is no MOQ (minimum order quantity) and the product ships same day from our warehouse.

Configuration

Design	Ceiling
Band Type	Wide
Radiation Pattern	Omni Directional
Polarization	Horizontal
Connector Type	N Female
Interface 2	N Female
Interface 3	N Female
Interface 4	N Female
Number of Ports	4

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[Indoor DAS Ceiling Omni Antenna, 5 dBi, 617 MHz - 6000 MHz, 4 x N-Female, Low PIM HG65806QPCUPR-NF](#)

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Frequency Range	617	6,000	MHz
Input VSWR		1.8:1	
Impedance	50		Ohms
Gain	3	4.5	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	0.617 to 0.698	0.698 to 0.96	1.695 to 2.7	3.3 to 4	4.8 to 6	GHz
Gain	3	3	4.5	4.5	4.5	dBi
Horizontal HPBW	360	360	360	360	360	Degrees
Vertical HPBW	360	360	360	360	360	Degrees
Port to Port Isolation	17	17	20	30	30	dB
VSWR Max	1.8:1	1.8:1	1.8:1	1.8:1	1.8:1	

Mechanical Specifications

Radome Material	ABS
Size	
Length	14.1732 in [360 mm]
Width	14.1732 in [360 mm]
Height	0.944882 in [24 mm]
Weight	2.0943 lbs [949.96 g]

Environmental Specifications

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

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

Plotted and Other Data

Notes:

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Indoor DAS Ceiling Omni Antenna, 5 dBi, 617 MHz - 6000 MHz, 4 x N-Female, 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 implement 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

