

2.4 GHz 3 dBi Black Radome Enclosed Omni Antenna 12in Lead RP-SMA Plug



HG2403UR-BAN12RSP

Features

- Bulkhead Mount
- Radome Enclosed, Ideal for Outdoor Use
- 12" 195-Series Low Loss Antenna Lead
- Compact Size

Applications

- Multipoint and Mobile Applications
- 2.4 GHz ISM Band
- IEEE 802.11b and 802.11g Wireless LAN
- WiFi and Bluetooth[®] Applications
- Wireless Video Systems

Description

The HG2403UR-BAN12RSP from L-com is a very compact 2.4GHz Omni WiFi antenna providing broad coverage and 3 dBi gain. It is ideally suited for IEEE 802.11b and 802.11g wireless LANs, Bluetooth[®] and other applications where wide coverage is desired.

This RF antenna is only 2.7" long and features a Black aesthetic ABS plastic radome. White radomes are also available upon request. Designed for bulkhead mounting, the L-com HG2403UR-BAN12RSP features a 12 inch 195-series low loss pigtail terminated with a reverse polarity SMA (RP-SMA) plug connector. Custom connectors are also available as well as custom cable types and lengths. Because of its near-invisible design this antenna is ideal for use on vehicles where vandal-resistance and aesthetics are important.

This 2.4 GHz WiFi antenna, as well as 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	Mobile
Band Type	Single
Radiation Pattern	Omni Directional
Polarization	Vertical
Cable Length	12 in [304.8 mm]
Connector Type	SMA Male Reverse Polarity
Number of Ports	1

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	2.4		2.5	GHz
Input VSWR			1.5:1	
Impedance		50		Ohms
Gain		3		dBi
Horizontal (Azimuth) Beam Width		Omnidirectional		
Vertical (Elevation) Beam Width		80		Degrees
Input Power			100	Watts

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[2.4 GHz 3 dBi Black Radome Enclosed Omni Antenna 12in Lead RP-SMA Plug HG2403UR-BAN12RSP](#)

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Mechanical Specifications

Radome Diameter	1.4 in [35.56 mm]
Height	2.7 in [68.58 mm]
Weight	0.33 lbs [149.69 g]

Environmental Specifications

Temperature	
Operating Range	-30 to +60 deg C

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

Plotted and Other Data

Notes:

2.4 GHz 3 dBi Black Radome Enclosed Omni Antenna 12in Lead RP-SMA Plug 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.

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L-com CAD Drawing

