Embedded 824-960/1710-1990 PCB Antenna, 0 dBi gain, IPEX Connector

HG819-00PU2-100IPEX

Features

- Highly efficient printed circuit board (PCB) design
- Designed for omni-directional applications
- Low profile, compact size
- IPEX connector

Applications

- Integrate into self contained wireless equipment
- Embedded applications requiring integration flexibility
- Multiband cellular frequencies

Description

The HG819-00PU2-100IPEX is a multiband omnidirectional antenna designed to integrate into devices requiring wireless capability. By embedding these antennas directly into a device, the need for external antennas is eliminated. The omni-directional radiation pattern makes it ideal for multipoint and mobile wireless systems.

Configuration

Polarization	Vertical
Cable Type	1.13mm
Connector Type	IPEX

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Input VSWR			3:01	
Impedance		50		Ohms
Gain			0	
Input Power			1	Watt

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Specifications by Band

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	824-960	1,710-1,990				MHz

Mechanical Specifications

Size

Length	1.77165 in [45 mm]
Width	0.787402 in [20 mm]

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications:
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Environmental Specifications

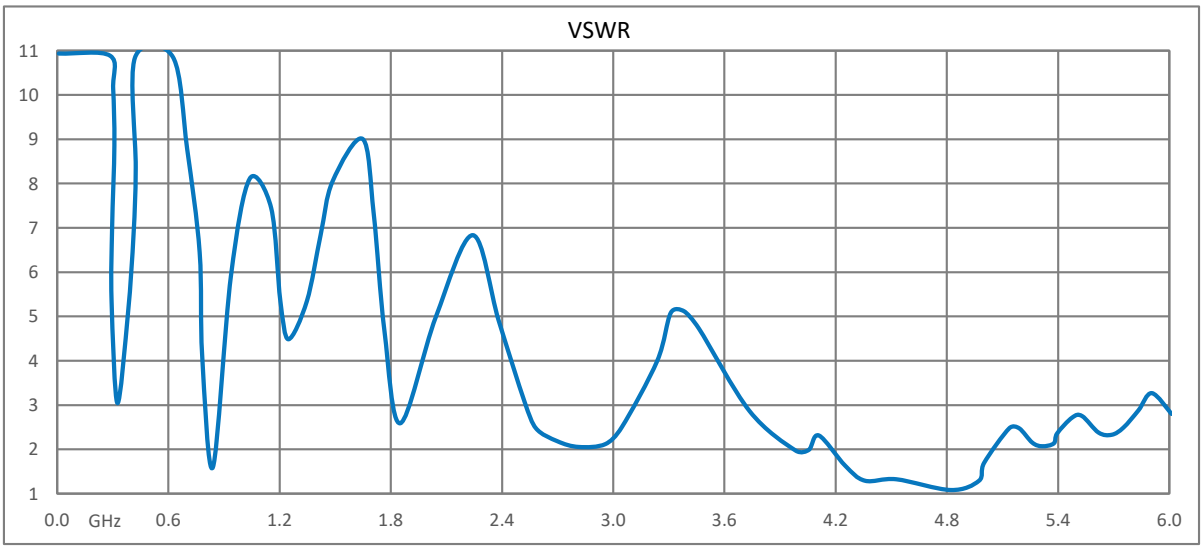
Temperature

Operating Range	-30 to +85 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:



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L-com CAD Drawing