

## **Refurbished CISCO NIM-4G-LTE-GA Datasheet**

CISCO > ROUTERS

## Cisco 4000 Series Integrated Services Routers

Antenna Specifications	
Item	
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Diversity (dual antenna) MIMO	Cisco LTE 2.0 NIM for Global (NIM-4G-LTE-GA), North America (NIM-4G-LTE-NA), Verizon (NIM-4G-LTE-VZ), and Sprint (NIM-4G-LTE-ST)
Multiband indoor omnidirectional antenna ceiling mount (4G-ANTM-OM- CM)	Electrical Specifications Frequency range: 698 to 960 MHz, 1575 MHz, and 1710 to 2690 MHz Gain: 1 and 1.5 decibels relative to isotropic (dBi) (700 to 960 MHz), 1.7 and 3.2 dBi (1700 to 2200 MHz), 3 and 4 dBi (2500 to 2700 MHz) Maximum power: 50W Connector: TNC male Voltage standing wave ratio (VSWR): 2.0:1 and 3.01:1 or less for GPS Nominal impedance: 50 ohms Polarization: Linear vertical
Multiband swivel-mount dipole antenna (4G- LTE-ANTM-D)	Articulating joint; can be rotated 360 degrees and is capable of maneuvering into three stop positions: 0, 45, and 90 degrees Plug-threaded TNC connector: Directly mount the antenna on any Cisco 4000 or Cisco 3000 Series wireless ISR NIM with a TNC connector; the threads on the connector must comply with the ANSI 7/16-28 UNEF 2B thread specification Multiband swivel-mount dipole antenna Faceplate mount (dual units included with all Cisco 4000 Series ISR WWAN NIMs)
Single-unit antenna extension base (4G-AE015-R)	Dimensions: Single-unit antenna extension base (15 ft [457.2 cm])
Single-unit antenna extension base (4G-AE010-R)	10-ft [304.8-cm] cable included
Outdoor omnidirectional antenna for 2g, 3G, and 4G cellular (ANT-4G-OMNI- OUT-N*)	UV-stable radome Mast-mounting bracket Applicable for both 3G and 4G solutions Domestic LTE 700 band and global LTE 2600 band Domestic cellular and global GSM WiMAX 2300 and 2500
Integrated 4G low-profile outdoor saucer antenna (ANT-4G-SR-OUT-TNC)	Applicable for both 3G and 4G solutions Domestic LTE 700 band and global LTE 2600 band Domestic cellular and global GSM Weatherproof UV stable radome Performance optimized Excellent flame rating
Cisco Multiband Panel Outdoor 4G Antenna (ANT-4G-PNL-OUT-N*)	Supports 3G and 4G solutions Supports bands Wall-mount and mast-mount Indoor and outdoor Dual type-N socket connector
Cisco Lightning Arrestors (CGR-LA- NM-NF* and (CGR-LA-NF-NF*)	Broadband operation DC continuity for outdoor powering Reversed installation Permanently installed gas capsule CGR-LA-NM-NF: Male-to-female connector CGR-LA-NF-NF: Female-to-female connector

## The next steps...

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