

Refurbished CISCO 3G-CAB-LMR240-50 Datasheet

CISCO > ROUTERS

Cisco 800 Series Routers

Antenna Specifications

Product

Diversity (dual antennae)	All 3G SKUs support diversity
Antenna 3G-ANTM1919D	<p>Multiband swivel-mount dipole antenna Faceplate mount (two unist included with all Cisco 819 ISRs) Electrical Specifications Frequency range: 806 to 960 MHz and 1710 to 2170 MHz Gain: 0 decibels relative to isotropic (dBi) (806 to 960 MHz) and 0 dBi (1710 to 2170 MHz) Maximum power: 25W Connector: TNC male Voltage standing wave ratio (VSWR): <2.5:1 Nominal impedance: 50 ohms Mechanical Specifications Antenna dimensions: 7.63 x 0.94 x 0.63 in. (19.37 x 2.34 x 1.59 cm) Temperature rating: -22 to 158°F (-30 to 70°C)</p>
Antenna 3G-ANTM1916-CM	<p>Multiband omnidirectional antenna Ceiling mount Electrical Specifications Frequency range: 806 to 960 MHz and 1710 to 2170 MHz Gain: 1.5 dBi (806 to 960 MHz) and 2.5 dBi (1710 to 2170 MHz) Maximum power: 50W Connector: TNC male VSWR: <1.8:1 (806 to 960 MHz) and <1.6:1 (1710 to 2170 MHz) Nominal impedance: 50 ohms Polarization: Vertical Intermodulation 140 decibels relative to carrier (dBc) typical (800 to 960 MHz IM3 at 2 x 20W) 140 dBc (1710 to 1880 MHz IM3 at 2 x 20W) 150 dBc (1920 to 2170 MHz IM7 at 2 x 20W) Mechanical Specifications Radome material: White ABS Base material: Aluminum Cable: 086FEP conformable Dimensions (outside diameter [OD] x H): 7.09 x 2.44 in. (18.00 x 6.20 cm) Weight: 0.62 lb (0.28 kg) Usable with the following cable extensions: 3G-CAB-ULL-20 and 3G-CAB-ULL-50</p>
Antenna extension 3G-AE015-R	<p>Single-unit antenna extension base (15-ft [457.2-cm] cable included) Electrical Specifications Frequency range: 0.8 to 5.85 GHz Attenuation: <3 dB at or below 2.5 GHz Base connector: TNC female Pigtail connector: TNC male Mechanical Specifications Base material: UL 94 V0PC and ABS plastic Dimensions: 2.8 x 2.4 x 1.8 in. (7.1 x 6.1 x 4.6 cm) Weight: 6 oz (0.17 kg) Cable: 15 ft (457.2 cm) non-plenum rated Pro-Flex Plus 195</p>
Antenna extension 3G-AE010-R	<p>Single-unit antenna extension base (10-ft [304.8-cm] cable included) Electrical Specifications Frequency range: 0.8 to 5.85 GHz Attenuation: <3 decibels (dB) at or below 2.5 GHz Base connector: TNC female Pigtail connector: TNC male Mechanical Specifications Base material: UL 94 V0PC and ABS plastic Dimensions: 2.8 x 2.4 x 1.8 in. (7.1 x 6.1 x 4.6 cm) Weight: 6 oz (0.17 kg) Cable: 10 ft (304.8 cm) non-plenum rated Pro-Flex Plus 195</p>
Outdoor antenna 3G-ANTM-OUT-LP	Multiband outdoor low-profile antenna with 15-ft (457-cm) cable

Panel mount (horizontal surface)
 Electrical Specifications
 Frequency range: 806 to 960 MHz and 1710 to 2170 MHz
 Gain: -1.5 dBi (806 to 960 MHz) and -1.5 dBi (1710 to 2170 MHz), which includes antenna gain and cable loss
 Maximum RF power tolerated: 20W
 Connector: TNC male, right angle
 Cable: LMR-195, 15 ft (457m)
 VSWR: <2.5:1 (806 to 960 MHz) and < 2.5:1 (1710 to 2170 MHz)
 Nominal impedance: 50 ohms
 Polarization: Vertical
 Radiation pattern (-3-dB beam width)
 Horizontal: Omnidirectional
 Vertical: 64 deg (806 to 960 MHz) and 90 deg (1710 to 2170 MHz)
 Mechanical Specifications
 Radome material: Black MakroBlend plastic
 Base material: Aluminum
 Radome dimensions (OD x H): 5.65 x 2.06 in. (14.35 x 5.23 cm)
 Radome weight: 0.375 lb (0.17 kg)
 Cable dimensions (L x diameter [D]): 15 ft x 0.195 in. (4.57m x 4.95 mm)
 Mounting panel thickness: 0.1 to 0.5 in. (2.54 to 12.7 mm)
 Note: All mounting hardware is included.
 Environmental Specifications
 Mechanical impact rating: [IK08] 5 joules per IEC-62262
 Operating and storage temperature: -40 to 185°F (-40 to 85°C)
 Wind rating: 150 mph installed
 Water rating: IP65 installed

Outdoor antenna 3G-ANTM-OUT-COMBO

Includes
 Mast- or wall-mount antenna
 3G-ACC-OUT-LA (lightning arrestor)
 Multiband outdoor omnidirectional antenna
 Mast or wall mount
 3G-ACC-OUT-LA lightning arrestor
 Note: Can be used with the following cable extensions: 3G-CAB-ULL-20, 3G-CAB-ULL-50, 3G-CAB-LMR240-25, 3G-CAB-LMR240-50, and 3G-CAB-LMR240-75
 Electrical Specifications
 Frequency range: 806 to 960 MHz and 1710 to 2170 MHz
 Gain : +2 dBi (806 to 960 MHz) and +4 dBi (1710 to 2170 MHz)
 Maximum RF power tolerated: 20W
 Connector: TNC male
 VSWR: <2.5:1 (806 to 960 MHz) and <2.5:1 (1710 to 2170 MHz)
 Nominal impedance: 50 ohms
 Polarization: Vertical
 Radiation pattern (-3-dB beam width)
 Horizontal: Omnidirectional
 Vertical: 40 deg (806 to 960 MHz) and 40 deg (1710 to 2170 MHz)
 Mechanical Specifications
 Radome material: Off-white pultruded fiberglass, UV-protected
 Cap material: Off-white MakroBlend plastic
 Radome dimensions (OD x H): 1.25 x 16 in. (3.175 x 40.64 cm)
 Radome weight: 0.375 lb (0.17 kg)
 Mounting hardware
 Bracket and clamps (for mast mounting)
 Bracket (for wall mounting)
 Screws not included (for wall mounting)
 Environmental Specifications
 Operating and storage temperature: -40 to 185°F (-40 to 85°C)
 Wind rating: 100 mph (operational) and 125 mph (survival)
 Water rating: IP65 installed

AIR-ANTM2050D-R (Default)

AIR-ANTM2050D-R (Default)

The AIR-ANTM2050D-R antenna operates in the 2.4- and 5-GHz bands, and is designed for use with spatial-diversity access point (AP) systems. The AIR-ANTM2050D-R antenna is compatible with Cisco 802.11a/b/g radio products using a reverse-polarity threaded Neill-Concelman (RP-TNC) connector. The antenna is designed for indoor office deployments.
 Faceplate Dipole (IP 41)
 2.4–2.5 GHz and 4.9–5.9 GHz
 IP 41
 Peak Gain (2.4) 1.4
 Peak Gain (5 GHz): 4.5

AIR-ANT2430V-R

This AIR-ANT2430V-R 3-dBi is an omni directional antenna that operates in the 2.4-GHz frequency range and is designed for use in an indoor office environment. The antenna assembly consists of three radiating elements, each fed with its own coaxial cable.
 Ceiling (IP 41)
 2.4 GHz
 Peak Gain (2.4): 3

AIR-ANT5140V-R

The AIR-ANT(AIR-ANT5140V-R) 4-dBi is an omnidirectional antenna and operates in the 5-GHz frequency range and is designed for use only in an indoor office environment. The antenna assembly consists of three radiating elements, each fed with its own coaxial cable.

Ceiling(IP 41)
5 GHz
Peak Gain(5 GHz): 4

AIR-ANT2440NV-R

The Cisco Aironet AIR-ANT2440NV-R is a 2.4-GHz MIMO wall-Mounted omnidirectional Antenna and operates in the 2.4 GHz frequency range and is designed for indoor or outdoor use.
Multi-mount (Wall/Ceiling/Mast) (IP 54)
2.4 GHz
Peak Gain (2.4): 4

AIR-ANT5140NV-R

Cisco Aironet 5-GHz MIMO Wall-Mounted omnidirectional Antenna (AIR-ANT5140NV-R) operates in the 5-GHz frequency range and is designed for indoor or outdoor use.
Multi-mount (Wall/Ceiling/Mast) (IP 54)
5 GHz
Peak Gain(5 GHz): 4

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