# ANT-W63RPC1-MHF4-100 V ACTIVE

TE Internal #: L9000231-01

PCB Antenna, Triple Band, Wi-Fi, Internal/Embedded Mount, Adhesive, N-type, Omnidirectional, Single Port, Gain > 6 dBi

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#### Antennas



Wireless Application: Wi-Fi

Mounting Location: Internal/Embedded

Mounting Type: Adhesive

Frequency Category: 2400 – 7125

Antenna Type: PCB

### **Features**

### **Product Type Features**

Frequency Category

Peak Gain

**Body Features** 

Product Weight

Antenna Termination	N-type
Antenna Product Type	Antenna
Configuration Features	
Antenna Style	Patch
Mounting Location	Internal/Embedded
Antenna Type	PCB
Band Type	Triple Band
Port Configuration	Single Port
Port Configuration  Electrical Characteristics	Single Port
	Single Port <1.8:1
Electrical Characteristics	
Electrical Characteristics  VSWR (Max)	<1.8:1
Electrical Characteristics  VSWR (Max)  Impedance	<1.8:1

2400 - 7125

1.5 g[.05291 oz]

> 6 dBi



#### Mechanical Attachment

Polarization	Linear
Mounting Type	Adhesive
Dimensions	
Cable Length	.1 m[.33 ft]
Product Width	11 mm[.43 in]
Product Length	43 mm[1.69 in]
Product Height	1.3 mm[.05 in]
Operation/Application	
Directionality	Omnidirectional
Industry Standards	
Wireless Application	Wi-Fi
Primary Application	Wi-Fi

### **Product Compliance**

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the

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product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts

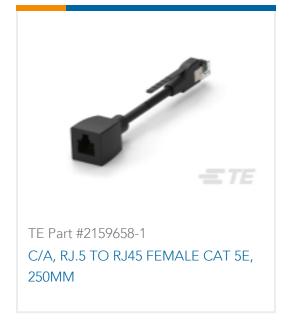


## Customers Also Bought





















## **Documents**

Product Drawings
Antenna WIFI6 2.4/5/6 GHz RPC MHF4 100

English

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**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_L9000231-01\_A.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_L9000231-01\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_L9000231-01\_A.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use

Datasheets & Catalog Pages

Rigid Embedded Dipole WiFi 6 Antenna

English