

TE Internal #: 2344657-5

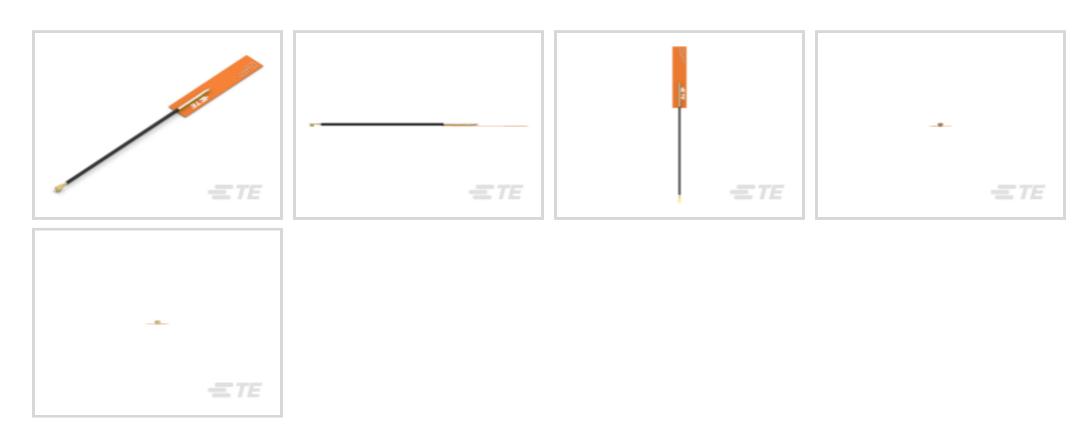
Antenna, WLAN / Bluetooth / ZigBee, Adhesive, Cable Assembly,

MHF4 Compatible, Cable Length 50 mm [1.969 in]

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Antennas



Wireless Application: Bluetooth, WLAN, ZigBee

Mounting Retention Type: Adhesive

Antenna Connection Type: Cable Assembly
Antenna Connector Type: MHF4 Compatible

Cable Length: 50 mm [1.969 in]

Features

Product Type Features

Antenna Connection Type	Cable Assembly
Antenna Connector Type	MHF4 Compatible
Configuration Features	
Band Type	Triple Band
Antenna Protocol	WLAN
Number of Ports	1
Antenna Style	Embedded
Antenna Type	Thin PCB
Electrical Characteristics	
VSWR (Max)	<2.7:1
Impedance	50 Ω
Active Antenna	No
Signal Characteristics	

2400 – 2500 MHz, 5150 – 5875 MHz, 5925 –

7125 MHz

Frequency Band



Gain (Max)	5.3 dB
Body Features	
Product Weight	1.2 g[.042 oz]
Mechanical Attachment	
Region	Global
Polarization	Linear
Mounting Retention Type	Adhesive
Dimensions	
Product Diameter	1.13 mm[.044 in]
Cable Insulation Diameter (Max)	.7 mm[.028 in]
Cable Length	50 mm[1.969 in]
Product Length	35 mm[1.378 in]
Product Width	8 mm[.315 in]
Product Height	.19 mm[.007 in]
Usage Conditions	
Application by Region	Bluetooth - Global - 2400 – 2500 MHz, WLAN - Global - 2400 – 2483.5 MHz, WLAN - Global - 5150 – 5875 MHz, WLAN - Global - 5925 – 7125 MHz
Operation/Application	
Wireless Standard	802.11 a/b/g/n/ac/ad/ax, Bluetooth, ZigBee & Wi-Fi
Industry Standards	
Wireless Application	Bluetooth, WLAN, ZigBee
Packaging Features	
Packaging Method	Bag & Box
Other	
Precision Level	Standard
Product Compliance	

Product Compliance

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

ELLELV Directive 2000/52/EC	EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/33/EC	EU ELV Directive 2000/53/EC	Compliant



China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not applicable 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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



Customers Also Bought





TE Model / Part #T4151410004-002 M12 A-CODE FEMALE R/A SINGLE ENDED CABL





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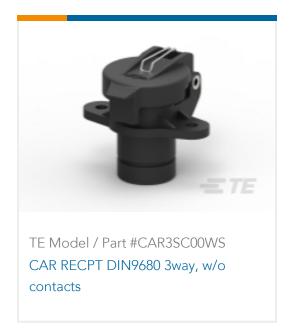
RNF-100-1/16-8-SP

TE Model / Part #5054014010









Documents

Product Drawings

FPC ANTENNA, CABLE, MHF, Wi-Fi TRIPLE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2344657-5_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2344657-5_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2344657-5_B.3d_stp.zip

English

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Datasheets & Catalog Pages

Datasheet 2344657-X

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Antenna, WLAN / Bluetooth / ZigBee, Adhesive, Cable Assembly, MHF4 Compatible, Cable Length 50 mm [1.969 in]

