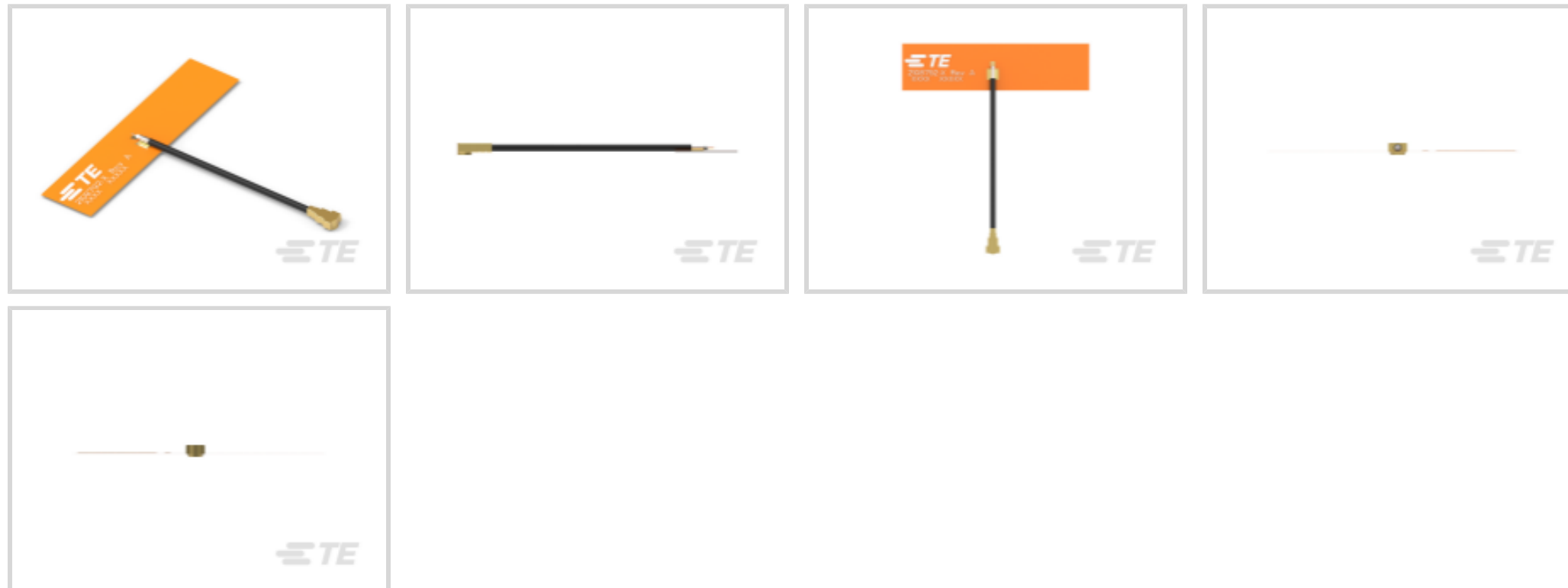




Antennas



Wireless Application: **Bluetooth, WLAN, ZigBee**

Mounting Retention Type: **Adhesive**

Antenna Connection Type: **Cable Assembly**

Antenna Connector Type: **MHF Compatible**

Cable Length: **113.8 mm [4.48 in]**

Features

Product Type Features

Antenna Connection Type	Cable Assembly
Antenna Connector Type	MHF Compatible

Configuration Features

Band Type	Triple Band
Antenna Protocol	WLAN
Number of Ports	1
Antenna Style	Embedded
Antenna Type	Flexible PCB

Electrical Characteristics

VSWR (Max)	<2:1
Impedance	50 Ω
Active Antenna	No

Signal Characteristics

Frequency Band	2400 – 2500 MHz, 5150 – 5875 MHz, 5925 – 7125 MHz
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Gain (Max)	3.5 dB
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Body Features

Product Weight	.546 g[.019 oz]
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Mechanical Attachment

Region	Global
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Polarization	Linear
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Mounting Retention Type	Adhesive
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Dimensions

Cable Length	113.8 mm[4.48 in]
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Product Length	40 mm[1.574 in]
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Product Width	10 mm[.393 in]
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Product Height	.12 mm[.004 in]
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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
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Operation/Application

Wireless Standard	802.11 a/b/g/n/ac/ad/ax, Bluetooth, ZigBee & Wi-Fi
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Industry Standards

Wireless Application	Bluetooth, WLAN, ZigBee
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Packaging Features

Packaging Method	Bag & Box
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Other

Precision Level	Standard
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
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EU ELV Directive 2000/53/EC	Not Yet Reviewed
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China RoHS 2 Directive MIIT Order No 32, 2016	Not reviewed for China RoHS compliance
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EU REACH Regulation (EC) No. 1907/2006	
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Current ECHA Candidate List: JUN 2020
(209)
Not Yet Reviewed

Halogen Content	Not Yet Reviewed for halogen content
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 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 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



TE Model / Part # 2337019-1
UMCC Micro-Coax receptacle, Gen 1

Customers Also Bought



TE Model / Part #1766600-2
INSULATION BOOT, #2, RED



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



TE Model / Part #1062-16-0177
DEUTSCH STAMPED & FORMED CONTACTS



TE Model / Part #1-1803017-1
CRIMPER, INSULATION F



TE Model / Part #2500003-1
SRC Pwr 36+12ACEG Female Recp
Hsg Assy



TE Model / Part #5054014010
RNF-100-1/16-8-SP



TE Model / Part #926472-1
UNIV.M-N.L.CAP S.C.



TE Model / Part #2836322-2
OCEAN-2.0-APPLICATOR-S-042F062F



TE Model / Part #CAR3SC00
CAR RECPT DIN9680 3way



TE Model / Part #CAR3SC00WS
CAR RECPT DIN9680 3way, w/o
contacts

Documents

Product Drawings

FPC Ant, MHF, 114mm, Wi-Fi 6E Triple

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2108792-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2108792-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2108792-1_B.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Wi-Fi 6E TRIPLE BAND EMBEDDED ANTENNA

English