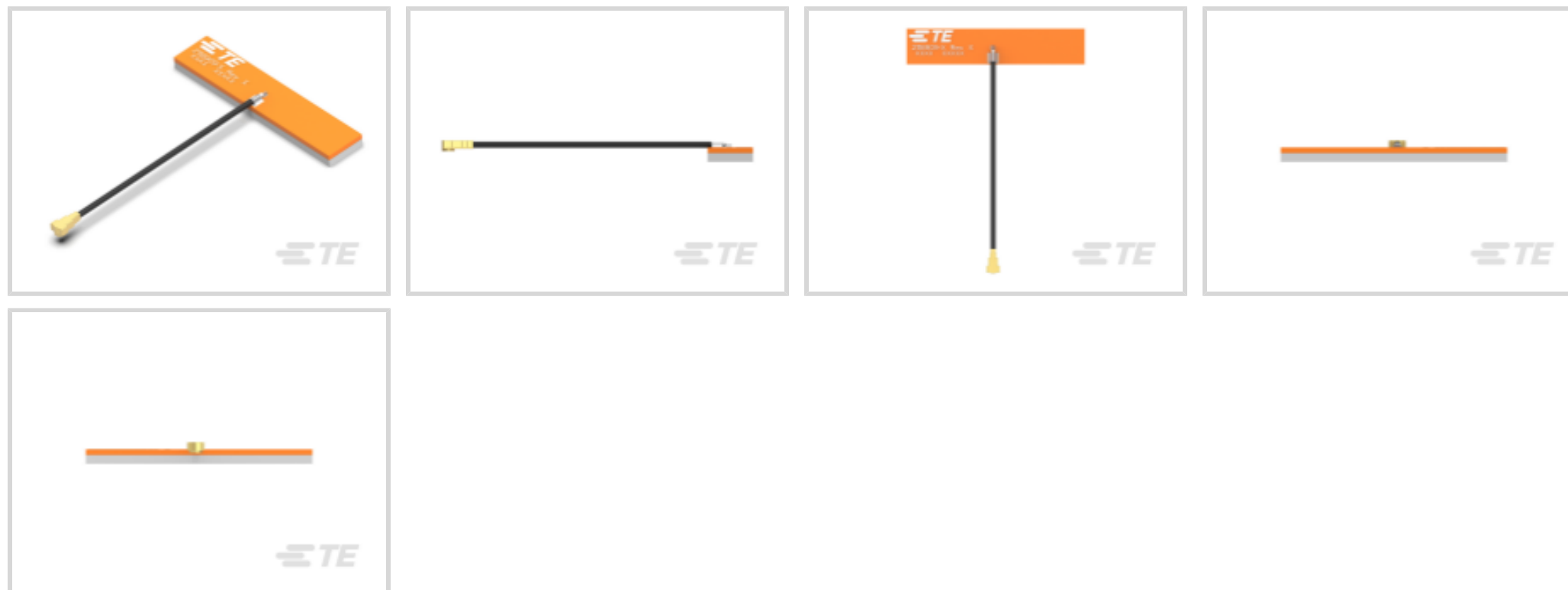




Antennas



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

Mounting Retention Type: **Adhesive**

Antenna Connection Type: **Cable Assembly**

Antenna Connector Type: **MHF4L Compatible**

Cable Length: **200 mm [7.874 in]**

Features

Product Type Features

Antenna Connection Type	Cable Assembly
Antenna Connector Type	MHF4L Compatible

Configuration Features

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

Electrical Characteristics

Impedance	50 Ω
Active Antenna	No

Signal Characteristics

Frequency Band	2400 – 2500 MHz, 5150 – 5875 MHz, 5925 – 7125 MHz
Gain (Max)	4.1 dB



Body Features

Product Weight	1.75 g[.06 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	200 mm[7.874 in]
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Product Length	40 mm[7.874 in]
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Product Width	8 mm[.314 in]
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Product Height	1 mm[.039 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	Compliant
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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	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Not Yet Reviewed
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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



Documents

Product Drawings

PCB Ant, MHF 4L, 200mm, Wi-Fi 6E Triple

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_1-2118909-8_2.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2118909-8_2.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2118909-8_2.3d_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

Product Specifications

[Product Specification](#)

English