

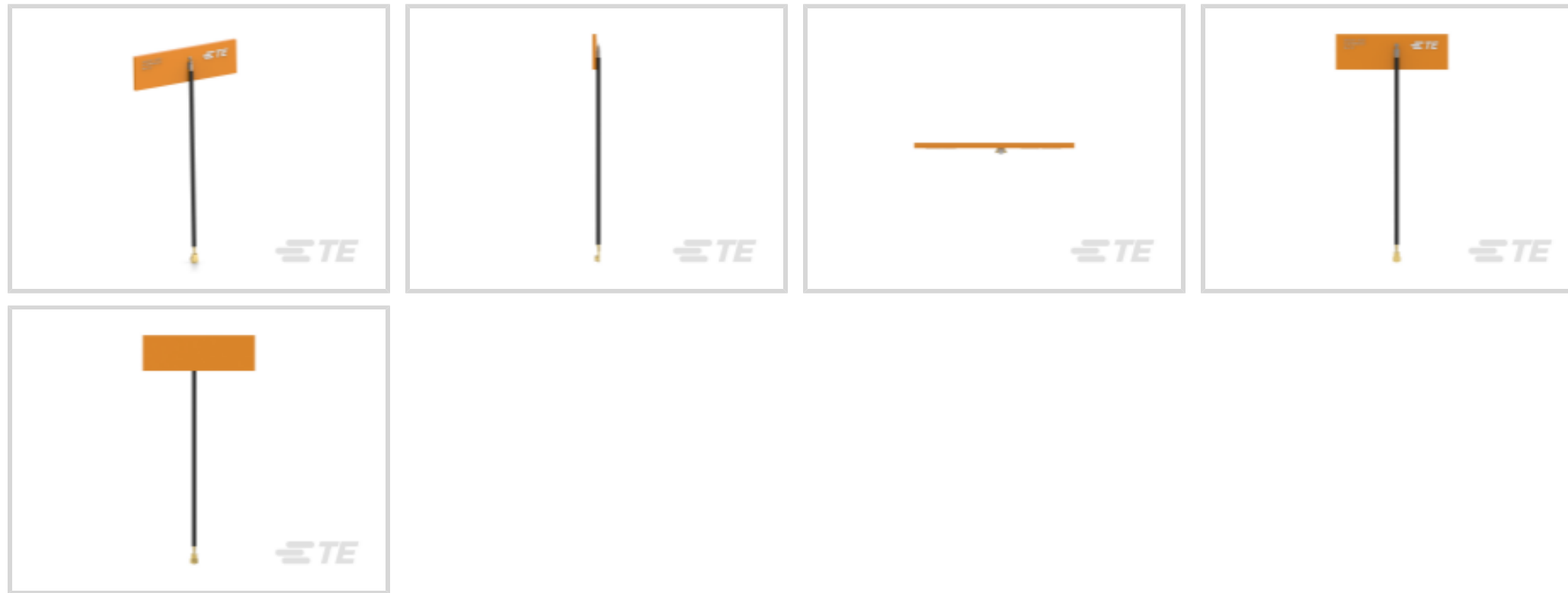


TE Internal #: 2344654-2

Antenna, Bluetooth / ZigBee / WLAN, Adhesive, MHF Compatible,
Cable Length .33 ft [.1 m], Embedded, PCB, Product Length 1.181
in [30 mm]

[View on TE.com >](#)

Antennas



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

Mounting Type: **Adhesive**

Antenna Connector Type: **MHF Compatible**

Cable Length: **.1 m [.33 ft]**

Antenna Style: **Embedded**

Features

Product Type Features

Antenna Connector Type	MHF Compatible
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Configuration Features

Band Type	Dual Band
Number of Ports	1
Antenna Style	Embedded
Antenna Type	PCB

Electrical Characteristics

VSWR (Max)	<2:1
Impedance	50 Ω
Antenna Operation	Passive

Signal Characteristics

Frequency Band	2400 – 2500 MHz, 5150 – 5875 MHz
Gain (Max)	2 dB

Body Features

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Product Weight	1.2 g[.042 oz]
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Mechanical Attachment

Polarization	Linear
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Mounting Type	Adhesive
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Dimensions

Product Diameter	1.13 mm[.044 in]
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Cable Insulation Diameter (Max)	.7 mm[.028 in]
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Cable Length	.1 m[.33 ft]
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Product Length	30 mm[1.181 in]
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Product Width	9.5 mm[.374 in]
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Product Height	1 mm[.039 in]
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Operation/Application

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

Wireless Application	Bluetooth, WLAN, ZigBee
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Product Availability

Applicable Region	Global
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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	Compliant
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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: JUNE 2022 (224) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
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Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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



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

Customers Also Bought



TE Part #8-1393792-5
V23105A5001A201



TE Part #2205069-3
CA MICRO-MATCH MOW-PB 6POS



TE Part #5569262-1
STK MJ ASSY,8POS,2X4,SHLD,CAT5



TE Part #2344654-3
WLAN DUAL BAND ANTENNA PCB V 150mm



TE Part #2344655-1
PCB ANT, MHF, 50mm, Wi-Fi TRIPLE BAND



TE Part #2344655-4
PCB ANT, MHF, 200mm, Wi-Fi TRIPLE BAND



TE Part #2344656-6
WLAN DUAL BAND ANTENNA FPC V 100 MHF4 TY



TE Part #2344654-1
WLAN DUAL BAND ANTENNA PCB V 50mm



Documents

Product Drawings

[WLAN DUAL BAND ANTENNA PCB V 100mm](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2344654-2_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2344654-2_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2344654-2_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Datasheet 2344654-X](#)

English