



TE Internal #: 2344655-4  
 PCB Antenna, Triple Band, Wi-Fi, Internal/Embedded Mount,  
 Adhesive Mount, MHF / MHF1 / UMCC, Omnidirectional, Single  
 Port, 3 < 6 dBi Peak Gain

[View on TE.com >](#)

Antennas



Antenna Type: **PCB**  
 Band Type: **Triple Band**  
 Primary Application: **Wi-Fi**  
 Wireless Application: **Bluetooth, Wi-Fi, Zigbee**  
 Mounting Location: **Internal/Embedded**

**Features**

**Product Type Features**

Antenna Termination	MHF, MHF1, U.FL, UMCC
Antenna Product Type	Antenna

**Configuration Features**

Antenna Style	PCB
Antenna Type	PCB
Band Type	Triple Band
Mounting Location	Internal/Embedded
Port Configuration	Single Port

**Electrical Characteristics**

Impedance	50 Ω
Antenna Operation	Passive
VSWR (Max)	<2.7:1

**Signal Characteristics**

Frequency Band	5000 – 7000 MHz, 2450 – 2750 MHz
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Gain (Max)	5.9 dB
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Frequency Category	2400 – 7125
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Peak Gain	3 < 6 dBi
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### Body Features

Product Weight	1.2 g[.042 oz]
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### Mechanical Attachment

Polarization	Linear
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Mounting Type	Adhesive Mount
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### Dimensions

Product Diameter	1.13 mm[.044 in]
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Product Width	8 mm[.315 in]
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Product Length	33 mm[1.299 in]
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Product Height	1 mm[.039 in]
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Cable Length	.2 m[.66 ft]
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Cable Insulation Diameter (Max)	.7 mm[.028 in]
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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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Directionality	Omnidirectional
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### Industry Standards

Primary Application	Wi-Fi
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Wireless Application	Bluetooth, Wi-Fi, 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
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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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



### Documents



### Product Drawings

[PCB ANT, MHF, 200mm, Wi-Fi TRIPLE BAND](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2344655-4\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2344655-4\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2344655-4\\_B.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[Data sheet of 2344655-X](#)

English

[Wi-Fi\\_6\\_6E\\_Triple\\_Band\\_Datsheet](#)

English

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### Product Specifications

[Product Specification](#)

English