



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 | 5350 – 7000 MHz, 2450 – 2750 MHz |
|----------------|----------------------------------|



|                    |             |
|--------------------|-------------|
| Gain (Max)         | 5.9 dB      |
| Frequency Category | 2400 – 7125 |
| Peak Gain          | 3 < 6 dBi   |

Body Features

|                |                |
|----------------|----------------|
| Product Weight | 1.2 g[.042 oz] |
|----------------|----------------|

Mechanical Attachment

|               |                |
|---------------|----------------|
| Polarization  | Linear         |
| Mounting Type | Adhesive Mount |

Dimensions

|                                 |                  |
|---------------------------------|------------------|
| Product Diameter                | 1.13 mm[.044 in] |
| Product Width                   | 8 mm[.315 in]    |
| Product Length                  | 33 mm[1.299 in]  |
| Product Height                  | 1 mm[.039 in]    |
| Cable Length                    | .15 m[.49 ft]    |
| Cable Insulation Diameter (Max) | .7 mm[.028 in]   |

Operation/Application

|                   |  |
|-------------------|--|
| Wireless Standard | 802.11 a/b/g/n/ac/ad/ax, Bluetooth, ZigBee & Wi-Fi |
| Directionality    | Omnidirectional                                    |

Industry Standards

|                      |                          |
|----------------------|--------------------------|
| Primary Application  | Wi-Fi                    |
| Wireless Application | Bluetooth, Wi-Fi, Zigbee |

Product Availability

|                   |        |
|-------------------|--------|
| Applicable Region | Global |
|-------------------|--------|

Packaging Features

|                  |           |
|------------------|-----------|
| Packaging Method | Bag & Box |
|------------------|-----------|

Other

|                 |          |
|-----------------|----------|
| Precision Level | Standard |
|-----------------|----------|

Product Compliance

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

|                              |           |
|------------------------------|-----------|
| EU RoHS Directive 2011/65/EU | Compliant |
|------------------------------|-----------|



|   |   |
|---|---|
| EU ELV Directive 2000/53/EC                   | Out of Scope  |
| 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)<br>Candidate List Declared Against: JAN 2025 (247)<br>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



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

Customers Also Bought



TE Part #1565994-4  
RITS HDR ASSY R/A SMT TYPE 4P WITH BOSS



TE Part #1624149-2  
23E 1KB 6.35X50FL B7 CAT



TE Part #2344657-7  
FPC ANTENNA, MHF4, 150mm, Wi-Fi TRIPLE



TE Part #2344655-2  
PCB ANT, MHF, 100mm, Wi-Fi TRIPLE BAND





TE Part #1473149-1  
SEMI-HARD TRAY ASSY DDR 200P 5



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



TE Part #338095-8  
MICRO-MATCH COSI HSG.

TE Part #834898-E  
SCH SCHE O-RING 10,0X1,0 NBR SCHWARZ M 1

TE Part #1931732-2  
4kV QK COMBP TO THERAPY PCB

TE Part #835283-E  
SCH SCHE O-RING M5 5X0,8 SCHWARZ M 5,00

Documents

Product Drawings

PCB ANT, MHF, 150mm, Wi-Fi TRIPLE BAND

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2344655-3\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2344655-3\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2344655-3\_B.3d\_stp.zip

English

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

Datasheets & Catalog Pages

Data sheet of 2344655-X

English

Wi-Fi\_6\_6E\_Triple\_Band\_Datsheet

English

Product Specifications

Product Specification

English

2344655-3

PCB Antenna, Triple Band, Wi-Fi, Internal/Embedded Mount, Adhesive Mount, MHF / MHF1 / U.FL, Omnidirectional, Single Port, 3 < 6 dBi Peak Gain

