

2118059-1 ✓ ACTIVE

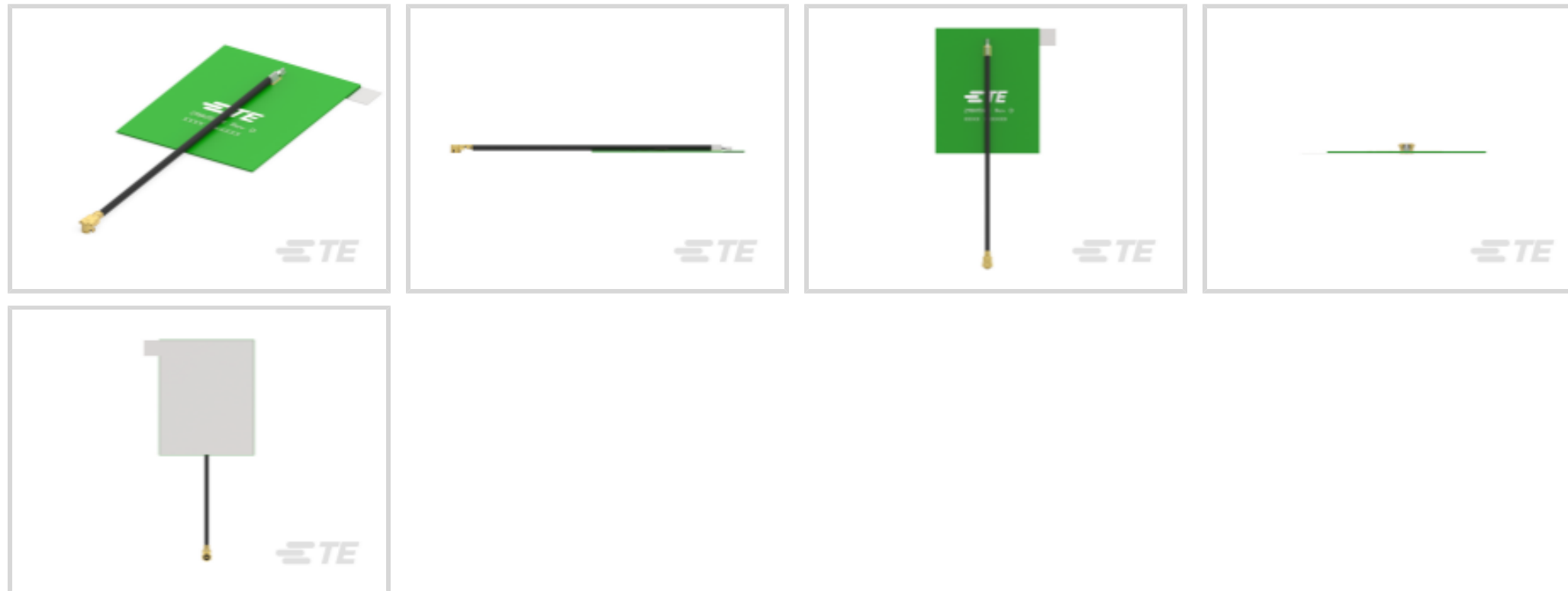
TE Internal #: 2118059-1

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

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Antennas



Wireless Application: **Wi-Fi**

Mounting Location: **Internal/Embedded**

Mounting Type: **Adhesive**

Antenna Type: **PCB**

Antenna Termination: **MHF, MHF1, U.FL, UMCC**

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Antenna Operation	Passive
VSWR (Max)	<3:1
Impedance	50 Ω

Signal Characteristics

Gain (Max)	4 dB
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Frequency Band	2300 - 3800 MHz
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Peak Gain	3 < 6 dBi
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Body Features

Product Weight	3.3 g[.116 oz]
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Mechanical Attachment

Polarization	Linear
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Mounting Type	Adhesive
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Dimensions

Cable Length	.35 m[1.15 ft]
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Product Width	36.85 mm[1.451 in]
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Product Length	30.61 mm[1.205 in]
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Product Height	.3 mm[.012 in]
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Operation/Application

Wireless Standard	802.11 b/g, WiMAX, Bluetooth & ZigBee
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Directionality	Omnidirectional
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Industry Standards

Wireless Application	Wi-Fi
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Primary Application	Wi-Fi
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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: JAN 2024 (240)
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Candidate List Declared Against: JAN 2024
(240)

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 # HDP26-24-31PE-L015
PLG, 31P, BLK, E, THD, 16, P



TE Part # 1-1618002-8
EV200HAANA=RELAY, SPST-NO WITH



TE Part # 796644-2
2POS 5.0MM CE R/A HDR, TRM BLK



TE Part # 826925-4
4P MOD2 STIFT LEI



Documents

Product Drawings

WIMAX SINGLE BAND PCB Antenna

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2118059-1_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2118059-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2118059-1_D.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

Thin PCB Antenna

English

Product Specifications

Product Specification

English