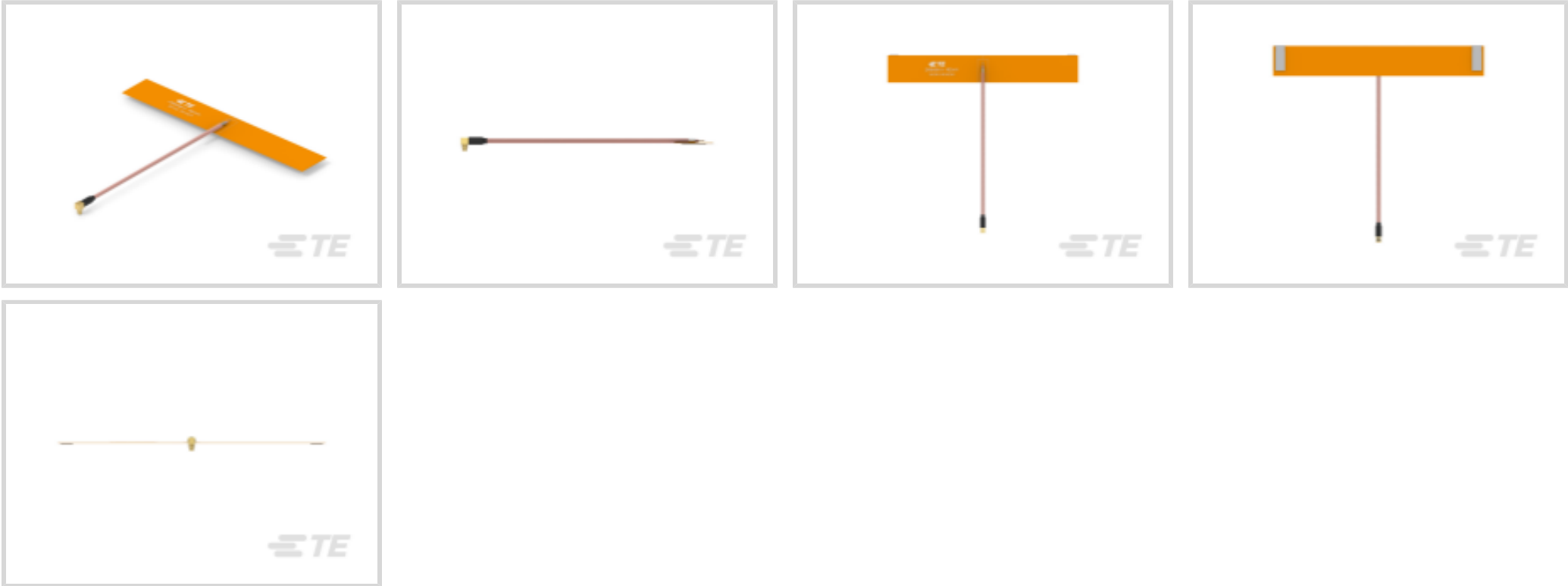




Antennas



Antenna Type: **Flexible PCB (FPC)**

Band Type: **Dual Band**

Primary Application: **Bluetooth, ISM, Wi-Fi**

Wireless Application: **Bluetooth, ISM, Wi-Fi, Zigbee**

Mounting Location: **Internal/Embedded**

Features

Product Type Features

Antenna Termination	MMCX
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Thin PCB
Antenna Type	Flexible PCB (FPC)
Band Type	Dual Band
Mounting Location	Internal/Embedded

Electrical Characteristics

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

Signal Characteristics

Frequency Band	902 – 928 MHz, 2400 – 2483.5 MHz
Gain (Max)	14 dB



Frequency Category	902 – 930
Peak Gain	> 6 dBi

Body Features

	.176 oz
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Mechanical Attachment

Polarization	Linear
Mounting Type	Adhesive Mount

Dimensions

Product Width	20 mm[.787 in]
Product Length	140 mm[5.512 in]
Product Height	.3 mm[.012 in]
Cable Length	.26 m[.85 ft]

Operation/Application

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

Industry Standards

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

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 with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Not reviewed for China RoHS compliance
EU REACH Regulation (EC) No. 1907/2006	



Current ECHA Candidate List: JAN 2025
(247)
Candidate List Declared Against: JAN 2025
(247)
SVHC > Threshold:
Pb (2% in 16542556737)

Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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 # 1-1634009-0
MMCX Str PCB Skt 50Ohm Gold Pl

Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



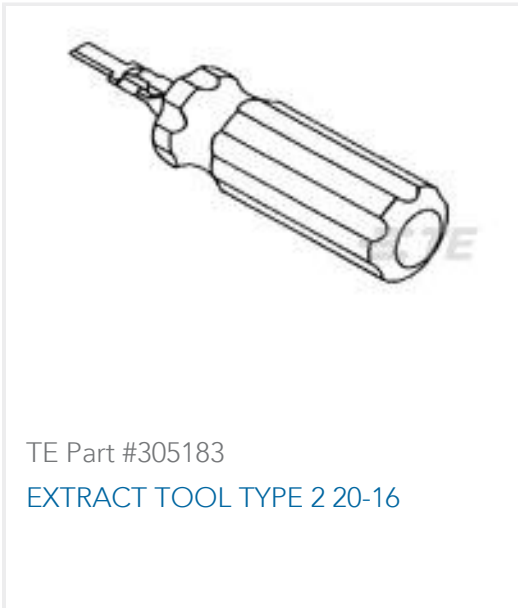
TE Part #CAT-J41-DDPC
DEUTSCH DT Plug Connectors



TE Part #CAT-D487-W416
WedgeLocks: DEUTSCH DT



TE Part #206966-7
CABLE SHELL CLAMP SIZE 13



Documents

Product Drawings
902~928 & 2400~2483.5 Dual Band Antenna
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2118898-2_A1.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_2118898-2_A1.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2118898-2_A1.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications
Product Specification
English