



Antennas



Wireless Application: Bluetooth, CDMA 1900, CDMA 850, DECT EU, GSM, GSM 1800, GSM 900, ISM, LTE, Wi-Fi, ZigBee

Mounts To: Plug

Mounting Retention Type: Mounting Clinch Nuts

Antenna Connection Type: SMA 90°

Antenna Connector Type: SMA Plug

Features

Product Type Features

Antenna Connection Type	SMA 90°
Antenna Connector Type	SMA Plug

Configuration Features

Number of Ports	1
Antenna Style	External
Antenna Type	Enclosure

Electrical Characteristics

VSWR (Max)	<3:1
Impedance	50 Ω
Active Antenna	No

Signal Characteristics

Frequency Band	1710 – 2170 MHz, 2300 – 2700 MHz, 698 – 960 MHz
Gain (Max)	0 dB, 2 dB

Body Features



Product Weight	17.8 g
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Mechanical Attachment

Region	Americas & EMEA, Global by Band, Global
Polarization	Vertical Linear
Mounts To	Plug
Mounting Retention Type	Mounting Clinch Nuts

Dimensions

Product Length	115.5 mm[4.54 in]
Product Width	17.75 mm[.69 in]

Usage Conditions

Application by Region	Bluetooth - Global - 2400 – 2500 MHz, CDMA - Americas - 1850 – 1990 MHz, CDMA - Americas - 824 – 894 MHz, DECT - EU, GSM - Americas - 1850 – 1990 MHz, GSM - Americas - 824 – 894 MHz, GSM - EU - 880 – 960 MHz, ISM - 698 – 960 MHz, ISM - EU - 868 – 870 MHz, ISM - US - 902 – 928 MHz, LTE - Americas - 824 – 894 MHz, LTE - EU - 1710 – 1880 MHz, LTE - Global - 1920 – 2170 MHz, LTE All Band - 2300 – 2700 MHz, LTE All Band - 698 – 960 MHz, UMT - Global - 1920 – 2170 MHz, WLAN - Global - 2400 – 2483.5 MHz, ZigBee - EU - 868 – 870 MHz, ZigBee - Global - 2400 – 2483.5 MHz, ZigBee - US - 902 – 928 MHz
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Operation/Application

Wireless Standard	915 ISM & ZigBee US, DECT EU, EU Cellular, EU Dual Band, LTE, UMTS, US Dual, EU Triband & WCDMA, US Cellular & ZigBee EU, US Dual & EU Dual & WCDMA, US Dual & EU Dual Band, US Dual Band
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Industry Standards

Wireless Application	Bluetooth, CDMA 1900, CDMA 850, DECT EU, GSM, GSM 1800, GSM 900, ISM, LTE, Wi-Fi, ZigBee
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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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Pb (1.8% in Component Part) 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

 <p>TE Model / Part # 2032440-1 C/A, UMCC TO SMA BHD JACK, 1.37 MM L200MM</p>	 <p>TE Model / Part # 2337019-1 UMCC Micro-Coax receptacle, Gen 1</p>	 <p>TE Model / Part # 2032440-4 C/A, UMCC TO SMA BHD JACK, 1.3</p>	 <p>TE Model / Part # 2016682-4 RF CA,SMA BK TO UMCC GEN1,1.13, L200MM</p>
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Customers Also Bought





TE Model / Part #2500003-1
SRC Pwr 36+12ACEG Female Recp
Hsg Assy



TE Model / Part #5054014010
RNF-100-1/16-8-SP



TE Model / Part #926472-1
UNIV.M-N.L.CAP S.C.



TE Model / Part #2836322-2
OCEAN-2.0-APPLICATOR-S-042F062F



TE Model / Part #CAR3SC00
CAR RECPT DIN9680 3way



TE Model / Part #CAR3SC00WS
CAR RECPT DIN9680 3way, w/o
contacts

Documents

Product Drawings

LTE Terminal Antenna

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2195773-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2195773-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2195773-1_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

698-960, 1710-2170, 2300-2700MHz LTE/Cell Band Antenna

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

2195773-1

Antenna, GSM 1800 / GSM 900 / DECT EU, Plug, Mounting Clinch Nuts, SMA 90°,
SMA Plug

