



Antennas



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

Mounts To: Plug

Mounting Retention Type: Mounting Clinch Nuts

Antenna Connection Type: SMA

Antenna Connector Type: SMA - Female (4)

Features

Product Type Features

Antenna Connection Type	SMA
Antenna Connector Type	SMA - Female (4)

Configuration Features

Band Type	3 Band
Antenna Protocol	LTE
Number of Ports	1
Antenna Style	External

Electrical Characteristics

VSWR (Max)	<2.5:1
Impedance	50 Ω
Active Antenna	No

Signal Characteristics

Frequency Band	1420 – 1610 MHz, 1710 – 2710 MHz, 2300 – 2700 MHz, 698 – 960 MHz
Gain (Max)	0 dB, 1 dB, 2.5 dB



Body Features

Product Weight	15 g[.524 oz]
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Mechanical Attachment

Region	Global
Polarization	Linear
Mounts To	Plug
Mounting Retention Type	Mounting Clinch Nuts

Dimensions

Product Length	158 mm[6.22 in]
Product Width	17.7 mm[.69 in]

Usage Conditions

Application by Region	Bluetooth - Global - 2400 – 2483.5 MHz, CDMA - Americas - 1850 – 1990 MHz, CDMA - Americas - 824 – 894 MHz, GNSS - Global - 1559 – 1606 MHz, LTE - EU - 1710 – 1880 MHz, LTE - Global - 1920 – 2170 MHz, LTE All Band - 2300 – 2700 MHz, LTE All Band - 698 – 960 MHz
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Operation/Application

Wireless Standard	802.11 b/g, Bluetooth & ZigBee, GPS, LTE, UMTS, US Dual, EU Triband & WCDMA
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Industry Standards

Wireless Application	CDMA 1900, CDMA 850, DECT EU, GPS, GSM, GSM 1800, GSM 900, ISM, LTE, Wi-Fi
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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
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: JUN 2020
 (209)
 Candidate List Declared Against: JAN 2020
 (205)
 Does not contain REACH SVHC

Halogen Content
 Low Halogen - Br, Cl, F, I < 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 Model / Part # 2032440-1
 C/A, UMCC TO SMA BHD JACK, 1.37 MM L200MM



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



TE Model / Part # 2032440-4
 C/A, UMCC TO SMA BHD JACK, 1.3



TE Model / Part # 2016682-4
 RF CA,SMA BK TO UMCC GEN1,1.13, L200MM



TE Model / Part # 2016694-2
 RF CA,SMA BULKHEAD TO UMCC IV, L100MM



TE Model / Part # 2334884-1
 UMCC Micro-Coax receptacle, Gen 4



TE Model / Part # 2016682-2
 RF CA,SMA BK TO UMCC GEN1,1.13, L100MM



TE Model / Part # 5-1814832-2
 SMA Str PCB Skt GZD



TE Model / Part # 5-1814400-2
SMA R/A PCB Skt GZD



TE Model / Part # 2016694-4
RF CA,SMA BULKHEAD TO UMCC IV, L200MM



TE Model / Part # 1-2016682-0
RF CA,SMA BK TO UMCC GEN1,1.13, L1000MM



TE Model / Part # 1-2016682-1
RF CA,SMA BK TO UMCC GEN1,1.13, L254MM



TE Model / Part # 2016682-1
RF CA,SMA BK TO UMCC GEN1,1.13, L50MM



TE Model / Part # 2016682-3
RF CA,SMA BK TO UMCC GEN1,1.13, L150MM



TE Model / Part # 2016682-5
RF CA,SMA BK TO UMCC GEN1,1.13, L250MM



TE Model / Part # 2016682-6
RF CA,SMA BK TO UMCC GEN1,1.13, L300MM




TE Model / Part # 2016682-7
RF CA,SMA BK TO UMCC GEN1,1.13, L350MM



TE Model / Part # 2016682-8
RF CA,SMA BK TO UMCC GEN1,1.13, L500MM



TE Model / Part # 2016682-9
RF CA,SMA BK TO UMCC GEN1,1.13, L750MM



TE Model / Part # 2016694-1
RF CA,SMA BULKHEAD TO UMCC IV, L50MM

Customers Also Bought



TE Model / Part #1766600-2
INSULATION BOOT,#2,RED



TE Model / Part #T4151410004-002
M12 A-CODE FEMALE R/A SINGLE ENDED CABL



TE Model / Part #1062-16-0177
DEUTSCH STAMPED & FORMED CONTACTS



TE Model / Part #1-1803017-1
CRIMPER, INSULATION F



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



Documents

Product Drawings

LTE Terminal Antenna

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2195736-1_A1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2195736-1_A1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2195736-1_A1.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

EXTERNAL PADDLE LTE ANTENNA

English