



LTE MiMo

TE Internal #: 2332157-2

LTE MiMo, Antenna, GNSS / WLAN / LTE, Vehicle Rooftop, Adhesive, Cable Assembly, SMA Plug, Cable Length 11.811 in [300 mm]

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Antennas > SHARK FIN MIMO ANTENNA



Wireless Application: Cellular, GNSS, GPS, GSM, LTE, Wi-Fi, WLAN

Mounts To: Vehicle Rooftop

Mounting Retention Type: Adhesive

Antenna Connection Type: Cable Assembly

Antenna Connector Type: SMA Plug

[All SHARK FIN MIMO ANTENNA \(4\)](#)

Features

Product Type Features

Antenna Connection Type	Cable Assembly
Antenna Connector Type	SMA Plug

Configuration Features

Band Type	Quad Band
Antenna Protocol	GNSS, GPS, Galileo, LTE MIMO, Wi-Fi
Number of Ports	3
Antenna Style	External
Antenna Type	Enclosure

Electrical Characteristics

VSWR (Max)	<2:1
Impedance	50 Ω
Active Antenna	Yes

Signal Characteristics

Frequency Band	1562 – 1612 MHz, 1710 – 2170 MHz, 2300 – 3800 MHz, 698 – 960 MHz
Gain (Max)	5 dB



Body Features

Product Weight	260 g[9.17 oz]
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Mechanical Attachment

Region	Global
Polarization	Right Hand Circular
Mounts To	Vehicle Rooftop
Mounting Retention Type	Adhesive

Dimensions

Cable Insulation Diameter (Max)	2.8 mm[.11 in]
Cable Length	300 mm[11.811 in]
Product Length	170 mm[6.77 in]
Product Width	60 mm[2.4 in]
Product Height	50 mm[2.2 in]

Usage Conditions

Application by Region	GPS - Global - 1565 – 1585 MHz, LTE All Band - 2300 – 2700 MHz
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Operation/Application

Antenna Environment	Outdoor
Coverage Type	Omnidirectional
Wireless Standard	GPS, LTE, UMTS, US Dual, EU Triband & WCDMA

Industry Standards

Wireless Application	Cellular, GNSS, GPS, GSM, LTE, Wi-Fi, WLAN
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Packaging Features

Packaging Method	Bag & Box
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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	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	



Current ECHA Candidate List: JUL 2021
(219)
Candidate List Declared Against: JUL 2021
(219)
SVHC > Threshold:
Pb (3% 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 Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 # CAT-R131-M1 CAT7 CABLE A8 STRAIGHT-A8 STRAIGHT	TE Part # CAT-R131-M11 CAT7 CABLE A8 STRAIGHT-A8 RIGHT ANGLE	TE Part # CAT-R131-M12 CAT5 CABLE D4-STRAIGHT-D4 RIGHT ANGLE	TE Part # CAT-R131-M13 CAT5 CABLE D4-STRAIGHT-D4 STRAIGHT
TE Part # CAT-R131-M14 CAT7 CABLE X8 STRAIGHT-X8 STRAIGHT	TE Part # CAT-ET36-M3113 12p man POE switch 1Gb	TE Part # CAT-ET36-M3113A 12p man POE switch rack	TE Part # CAT-ET36-M3113B 20p man POE switch 1Gb





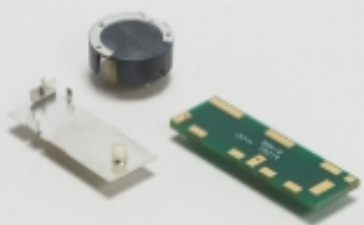
TE Part # 2352900-1
8P MAN POE SWITCH 1GB 110V



TE Part # 2352905-1
24P MAN POE SWITCH 1GB 24V

Also in the Series

LTE MiMo

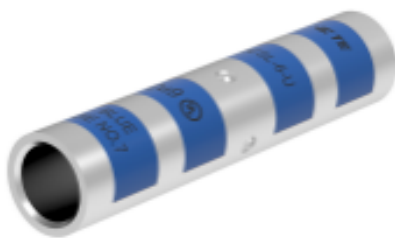


Antennas(78)

Customers Also Bought



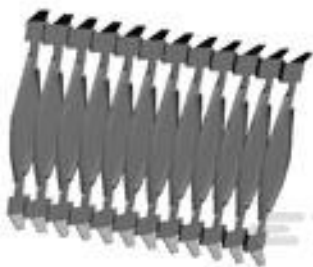
TE Part #3-2273126-1
M12 angl'd sckt to M12 strght plg 3 LED



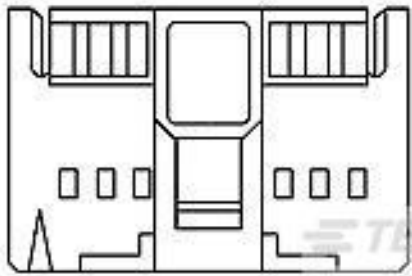
TE Part #EN3750-330
TCSL-4-U



TE Part #TAB62346501-040
M12B2-FS-PUR TORSION-4.0M



TE Part #192002-3
LAOG 0.25MM(.010) UNPL



TE Part #1-104500-0
40 MTE COUPLING SHROUD DR



TE Part #2840450-2
CU ALLOY, OUTER FERRULE, HC-STAK 35, SIZE 2



TE Part #2840451-2
CU ALLOY, INNER FERRULE, HC-STAK 35, SIZE 2



TE Part #2840635-2
PLASTIC BUSHING, FERRULE SLEEVE, SIZE 2



TE Part #2840711-1
COLLET, HC-STAK 35, SIZE 1



Documents

Product Drawings

SHARK FIN MIMO 2/3/4G GPS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2332157-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2332157-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2332157-2_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

MIMO COAX GPS/GNSS 2G/3G/4G WLAN SHARKFIN ANT

English

MULTI FUNCTION MIMO ANTENNA

English