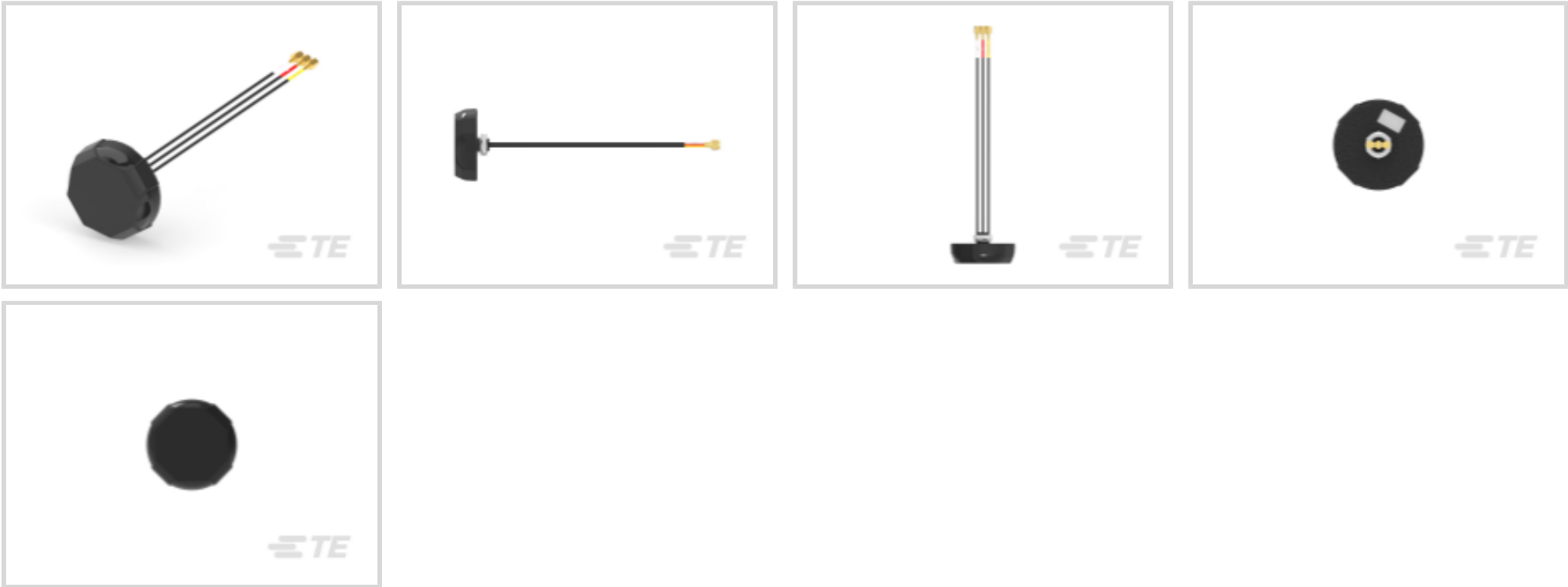




Antennas



Communication Protocol: Cellular, GNSS, Wi-Fi

Mounting Location: External

Mounting Type: Stud/Screw/Lug Mount

Frequency Category: 698 – 6000

Antenna Type: Dome/Puck

Features

Product Type Features

Antenna Termination	SMA
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Low Profile
Mounting Location	External
Antenna Type	Dome/Puck
Band Type	Multi Band
Port Configuration	Multiple Ports

Electrical Characteristics

Impedance	50 Ω
Antenna Operation	Passive
VSWR (Max)	< 2.0:1

Signal Characteristics

Frequency Band	698 – 750 MHz, 750 – 850 MHz, 850 – 960
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	MHz, 1559 – 1606 MHz, 1690 – 2690 MHz, 2400 – 2500 MHz, 3300 – 3800 MHz, 5150 – 5900 MHz
Gain (Max)	6 dB
Frequency Category	698 – 6000
Peak Gain	> 6 dBi

Body Features

Antenna Weight	175.45 g[6.19 oz]
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Mechanical Attachment

Polarization	Linear
Mounting Type	Stud/Screw/Lug Mount

Dimensions

Product Diameter	90.2 mm[3.55 in]
Product Width	88.9 mm[3.508 in]
Product Height	26 mm[1.02 in]
Cable Length	1 m[3.3 ft]

Usage Conditions

Cable Type	RG 174
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Operation/Application

Antenna Environment	Outdoor
Wireless Standard	Cellular
Directionality	Omnidirectional

Industry Standards

IP Rating	IP67, IP69K
Communication Protocol	Cellular, GNSS, Wi-Fi
Primary Application	Cellular, GNSS, Wi-Fi

Product Availability

Applicable Region	Global
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Packaging Features

Packaging Method	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	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

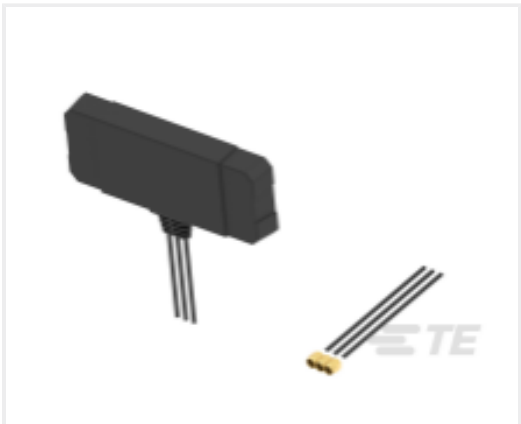
Product Compliance Disclaimer

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # HS34-L
MISCACC,HS,3/4HOLE



TE Part # L000631-01
3 port (2x Cell, 1x GNSS),SMA 1.0M



TE Part # L000321-03
2-PORT - 4G/5G & GNSS ANTENNA



TE Part # L000322-01
2-PORT - 2x 4G/5G ANTENNA

Customers Also Bought



TE Part #DBA6171C3-BSMAM
DIPOL,SMAM,SWIVEL,617-7125MHz,
OUTDOOR TE

TE Part #ANT-LPL-FPC-100
Antenna FPC LTE/ISM 1.13 100 UFL

TE Part #CSJ-SGFB-100-MHF4
SMA to MHF4 100mm 0.81 OD

TE Part #HCF69273BN-60A
M2M,HCF,LTE ULINK,SMA TOP
LOADED MONOPLO

TE Part #ANT-5GW-MMG2-SMA-1
Antenna Magnetic 5G Cell 1M SMA

TE Part #CSE-SGAM-305-SGFB
SMA to SMA 305mm RG316

TE Part #L000941-01
FPC ANT, VDP, 50mm, MHF1, 617-
5000MHz

TE Part #2016682-2
RF CA,UMCC1 TO SMA JACK,1.13MM,
L100MM

TE Part #2032439-1
RF CA,UMCC1 TO SMA PLUG,1.37
MM,L200MM

TE Part #2108783-1
PCB ANTENNA, SMD, 617-3800MHz

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_L000321-01_1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_L000321-01_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_L000321-01_1.3d_igs.zip](#)

English

3D PDF

3D

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

Datasheets & Catalog Pages

[L000321-XX Datasheet](#)

English