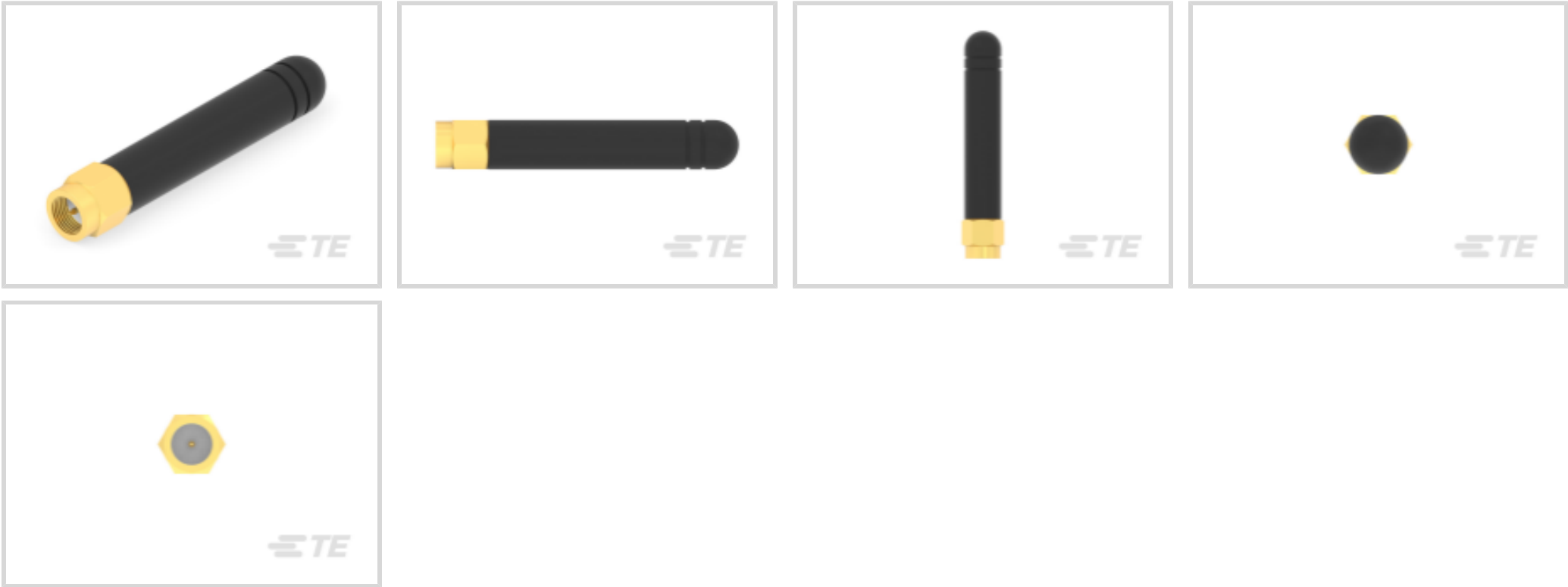




Antennas



Antenna Type: **Whip**
Band Type: **Single Band**
Primary Application: **ISM**
Wireless Application: **ISM**
Mounting Location: **External**

Features

Product Type Features

Antenna Termination	SMA
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Enclosure
Antenna Type	Whip
Band Type	Single Band
Mounting Location	External

Electrical Characteristics

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

Signal Characteristics

Frequency Band	423 – 443 MHz
Frequency Category	350 – 520
Peak Gain	< 0 dBi



Body Features

Product Weight	6.5 g[.23 oz]
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Mechanical Attachment

Polarization	Vertical Linear
Mounting Type	Panel Mount

Dimensions

Product Width	7.8 mm[.307 in]
Product Length	47 mm[1.85 in]
Product Height	7.8 mm[.307 in]

Operation/Application

Antenna Environment	Indoor
Wireless Standard	433 ISM
Directionality	Omnidirectional

Industry Standards

Primary Application	ISM
Wireless Application	ISM

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
EU ELV Directive 2000/53/EC	Not Yet Reviewed
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 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

 <p>TE Part # 2016682-7 RF CA,SMA BK TO UMCC GEN1,1.13, L350MM</p>	 <p>TE Part # 1-2016682-0 RF CA,SMA BK TO UMCC GEN1,1.13, L1000MM</p>	 <p>TE Part # 1-2016682-1 RF CA,SMA BK TO UMCC GEN1,1.13, L254MM</p>	 <p>TE Part # 2468121-1 SMA STR PCB SKT GZD</p>
 <p>TE Part # 2016682-9 RF CA,SMA BK TO UMCC GEN1,1.13, L750MM</p>	 <p>TE Part # 2016682-4 RF CA,UMCC1 TO SMA JACK,1.13MM, L200MM</p>	 <p>TE Part # 2032440-3 C/A, UMCC TO SMA BHD JACK, 1.3</p>	 <p>TE Part # 2016682-8 RF CA,SMA BK TO UMCC GEN1,1.13, L500MM</p>
 <p>TE Part # 2404600-3 RF CA,UMCC1 TO SMA JACK-WP,1.13 MM,L150MM</p>	 <p>TE Part # 2016682-3 RF CA,SMA BK TO UMCC GEN1,1.13, L150MM</p>	 <p>TE Part # 2032440-4 C/A, UMCC TO SMA BHD JACK, 1.3</p>	 <p>TE Part # 2334884-1 UMCC Micro-Coax receptacle, Gen 4</p>






TE Part # 2032440-2
C/A, UMCC TO SMA BHD JACK, 1.3.
L-370MM



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



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



TE Part # 2410331-2
CA,UMCC4 TO SMA JACK WP,0.81
MM,L100MM



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



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



TE Part # 2410331-4
CA,UMCC4 TO SMA JACK WP,0.81
MM,L200MM

TE Part # 2468122-1
SMA RA PCB SKT G2D

Documents

Product Drawings

External Ant,. SMA, 423-443MHz

English

Datasheets & Catalog Pages

External Ant,. SMA, 423-443MHz

English

Product Specifications

Product specification for external Antenna applied

English