

ANT-MAG-B50-SMA

✓ ACTIVE

TE Internal #: ANT-MAG-B50-SMA

Wide Band, Remote Mount, Magnet, SMA, Single Port

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Antennas



Mounting Location: **Remote**

Mounting Type: **Magnet**

Antenna Termination: **SMA**

Band Type: **Wide Band**

Port Configuration: **Single Port**

Features

Product Type Features

Antenna Termination	SMA
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Configuration Features

Antenna Style	Magnetic
Mounting Location	Remote
Band Type	Wide Band
Port Configuration	Single Port

Electrical Characteristics

Impedance	50 Ω
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Mechanical Attachment

Mounting Type	Magnet
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Dimensions

Cable Length	4 m[13.12 ft]
Product Width	50 mm[1.97 in]
Product Length	50 mm[1.97 in]
Product Height	37.4 mm[1.47 in]

Operation/Application

Antenna Environment	Outdoor
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

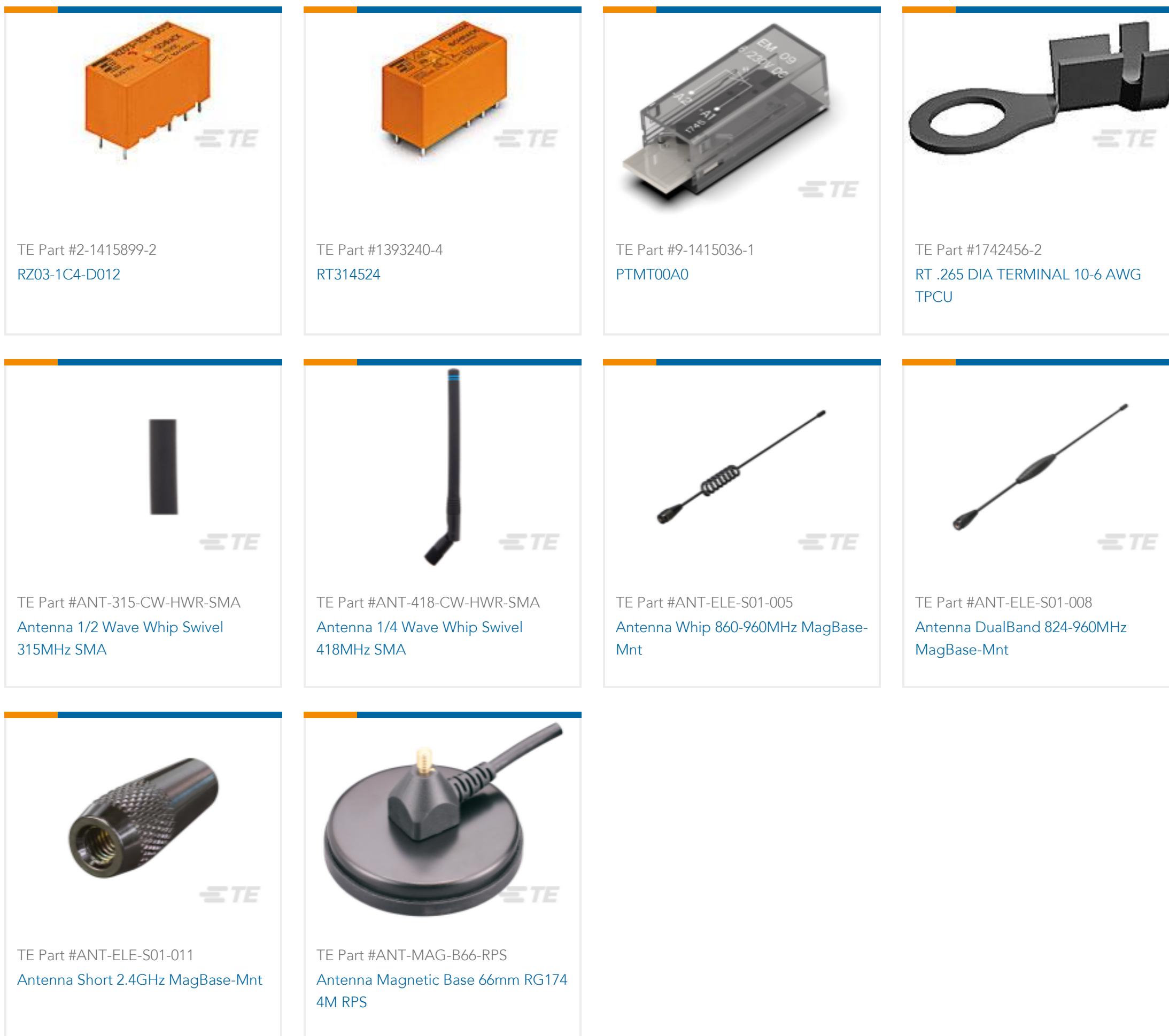
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 TE Part # ANT-ELE-S01-005 Antenna Whip 860-960MHz MagBase-Mnt	 TE Part # ANT-ELE-S01-011 Antenna Short 2.4GHz MagBase-Mnt	 TE Part # CONSMA001 SMA Jack 50 Ohm PCB Through Hole	 TE Part # CONSMA002-L-G SMA Jack 50 Ohm PCB Through Hole
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Customers Also Bought



Documents

Product Drawings

[Antenna Magnetic Base 50mm RG174 4M SMA](#)

English

Datasheets & Catalog Pages

[ANT-MAG-Bxx-xxx](#)

English

[VHETH Antenna Series Ground Plane Optimization](#)

English

[**Sub-6 Cellular LTE-5G NR Frequency Band Guide**](#)

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[**Considerations for Operation within the 260-470MHz Band**](#)

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[**Understanding Antenna Specifications and Operation**](#)

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[**Antennas Design, Application and Performance**](#)

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[**The FCC Road Part 15 From Concept to Approval**](#)

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[**RF 101 Information for the RF Challenged**](#)

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[**Virtual Antenna**](#)

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[**Microsplash Ground Plane Optimization**](#)

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