

ANT-916-ID-1000-RPS

✓ ACTIVE

TE Internal #: L9000157-01

Terminal/Duck Antenna, Single Band, LPWAN / LoRaWAN, Remote Mount, Pole/Mast/Bracket Mount, RP-SMA, Omnidirectional, Single Port, 0 < 3 dBi Peak Gain

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Antennas



Antenna Type: **Terminal/Duck**

Band Type: **Single Band**

Primary Application: **LoRaWAN, LPWAN**

Wireless Application: **LoRaWAN, LPWAN, Wi-Fi**

Mounting Location: **Remote**

Features

Product Type Features

Antenna Termination	RP-SMA
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Dipole
Antenna Type	Terminal/Duck
Band Type	Single Band
Mounting Location	Remote
Port Configuration	Single Port

Electrical Characteristics

Impedance	50 Ω
VSWR (Max)	<1.9:1

Signal Characteristics

Frequency Band	915 MHz
Gain (Max)	1.6 dB
Frequency Category	902 – 930
Peak Gain	0 < 3 dBi

Mechanical Attachment

Polarization	Linear
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Mounting Type	Pole/Mast/Bracket Mount
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Dimensions

Product Width	31.2 mm[1.23 in]
Product Length	124.6 mm[4.91 in]
Product Height	11.9 mm[.47 in]
Cable Length	1 m[3.28 ft]

Operation/Application

Directionality	Omnidirectional
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Industry Standards

Primary Application	LoRaWAN, LPWAN
Wireless Application	LoRaWAN, LPWAN, Wi-Fi

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: JAN 2025 (247) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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 # L9000251-01 RP-SMA Jack 50 Ohm .062 PCB Edge Mount	 TE Part # CONREVSMA002-SMD-G RP-SMA RA Jack 50 Ohm PCB Surface Mount	 TE Part # CONREVSMA001-G RP-SMA Jack 50 Ohm PCB Through Hole	 TE Part # L9000254-01 RP-SMA Jack 50 Ohm .031 PCB Edge Mount
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Customers Also Bought

 TE Part #208470-1 CMC PLUG ASSEMBLY,SZ 28	 TE Part #6-1437648-7 4PCV-04-006=4PCV ASSEMBLY	 TE Part #640383-8 08P MTA156 HDR ASSY STR SQ SN	 TE Part #ANT-5GW-SPS1-1 Antenna 5G LTE IP67 Puck RG174 1M SMA
 TE Part #ANT-915-NUB-RPS Antenna Short 915 RPS Plug	 TE Part #1586038-6 6P VRT HDR VAL-U-LOK V0	 TE Part #60874-1 .058 PCB PIN PTPPHBZ	 TE Part #5499141-4 A/L UNIV HDR 20P RA LAT
 TE Part #ANT-916-CW-HW Antenna 1/2 Wave Dipole Whip 916MHz RPS	 TE Part #L9000159-01 ANTENNA IND DIPOLE 916MHZ RG58 2M SMA		

Documents

Product Drawings
ANTENNA IND DIPOLE 916MHZ RG58 1M SMA

English

CAD Files
3D PDF
3D



Customer View Model

[ENG_CVM_CVM_L9000157-01_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_L9000157-01_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_L9000157-01_A.3d_igs.zip](#)

English

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Datasheets & Catalog Pages

[ANT-916-ID](#)

English