

ANT-1.4-CW-HW

✓ ACTIVE

TE Internal #: L9000009-01

Terminal/Duck Antenna, Single Band, Cellular, External Mount, Stud /Screw/Lug 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: **Cellular**

Wireless Application: **Cellular**

Mounting Location: **External**

Features

Product Type Features

Antenna Termination	RP-SMA
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Whip
Antenna Type	Terminal/Duck
Band Type	Single Band
Mounting Location	External
Port Configuration	Single Port

Electrical Characteristics

Impedance	50 Ω
VSWR (Max)	<2.1:1

Signal Characteristics

Frequency Band	1400 MHz
Gain (Max)	.7 dB
Frequency Category	1164 – 1610
Peak Gain	0 < 3 dBi

Body Features

Product Weight	11.77 g[.41516 oz]
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Mechanical Attachment

Polarization	Linear
Mounting Type	Stud/Screw/Lug Mount

Dimensions

Product Width	10.7 mm[.42 in]
Product Length	120 mm[4.72 in]
Product Height	0 mm[0 in]

Operation/Application

Antenna Environment	Outdoor
Directionality	Omnidirectional

Industry Standards

Primary Application	Cellular
Wireless Application	Cellular

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 # L9000254-01
RP-SMA Jack 50 Ohm .031 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

Customers Also Bought

TE Part #206153-1
11-4 F.H. RECEPT. STD. SEX

TE Part #1SET411008R0000
WD-1-DP-GR2530

TE Part #41332
RING 18-14 AWG TPBR

TE Part #163558-2
PIN M-N-L

TE Part #182663-1
13 SIZE CPC STD CLAMP

TE Part #66103-4
III+ PIN,24-20,30AU/FL,LP

TE Part #1-480426-0
04P CMNL CAP HSG F/H NATL

TE Part #CAT-C73765-M1E
M12 Field Installable Unshielded

TE Part #2267473-1
SIZE 11 PERIPHERAL SEAL, CPC

Documents

Product Drawings
Antenna 1/2 Wave Whip 1.4GHz RPS
English



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_L9000009-01_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_L9000009-01_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_L9000009-01_A1.3d_stp.zip

English

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

Datasheets & Catalog Pages

ANT-1.4-CW-HW

English