

ANT-8/9-HDP-2000-SMA

✕ OBSOLETE

TE Internal #: L9000130-01

TE Internal Description: Antenna Horiz Dipole 8/9MHz RG174 2M SMA

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Antennas



Antenna Type: **Module**

Band Type: **Dual Band**

Primary Application: **LoRaWAN, LPWAN**

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

Mounting Location: **Remote**

Features

Product Type Features

Antenna Termination	SMA
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Whip
Antenna Type	Module
Band Type	Dual Band
Mounting Location	Remote
Port Configuration	Single Port

Electrical Characteristics

Impedance	50 Ω
VSWR (Max)	<1.9:1

Signal Characteristics

Frequency Band	868 MHz
Frequency Category	698 – 2700
Peak Gain	0 < 3 dBi

Body Features

Product Weight	42 g[1.48148 oz]
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Mechanical Attachment

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Polarization	Linear
Mounting Type	Adhesive Mount

Dimensions

Product Width	17 mm[.67 in]
Product Length	104 mm[4.09 in]
Product Height	4.2 mm[.17 in]
Cable Length	2 m[6.56 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.



Customers Also Bought



TE Part #5227755-2
BNC SOLDER RECEPT JACK SHORT



TE Part #ANT-868-OC-LG-SMA
Antenna Straight Whip 868MHz Swivel SMA



TE Part #4-2176337-4
CRGCQ 0402 39K 1%



TE Part #4-2176337-8
CRGCQ 0402 82K 1%



TE Part #ANT-MAG-B85-RPS
Antenna Magnetic Base 85mm RG174 4M RPS



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



TE Part #1-2176088-3
RP 1J 0.166W 1K0 0.1% 25PPM 1K RL



TE Part #4-2176337-7
CRGCQ 0402 68K 1%



TE Part #T4131012051-000
M12,REAR MOUNT,FEMALE,A,5P,SOLDER WIRE

Documents

Datasheets & Catalog Pages

Remote Adhesive-Mount 868 MHz/915 MHz Antenna

English