

ANT-2/5-HDP-2000-SMA

✕ OBSOLETE

TE Internal #: L9000115-01

TE Internal Description: Antenna Horiz Dipole 2.4/5 RG174 2M SMA

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Antennas



Wireless Application: **Wi-Fi**

Mounting Location: **Remote**

Mounting Type: **Adhesive**

Antenna Termination: **SMA**

Antenna Type: **Module**

Features

Product Type Features

Antenna Product Type	Antenna
Antenna Termination	SMA

Configuration Features

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

Electrical Characteristics

VSWR (Max)	<1.9:1
Impedance	50 Ω

Signal Characteristics

Gain (Max)	4 dB
Frequency Band	2400 – 2485 MHz
Nominal Frequency Range	2400 – 2500
Peak Gain	3 < 6 dBi

Body Features

Product Weight	42 g[1.48148 oz]
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Mechanical Attachment



Polarization	Linear
Mounting Type	Adhesive

Dimensions

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

Operation/Application

Directionality	Omnidirectional
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Industry Standards

Wireless Application	Wi-Fi
Primary Application	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: JUNE 2023 (235) 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 #826926-2
AMPMODU II PIN HEADER



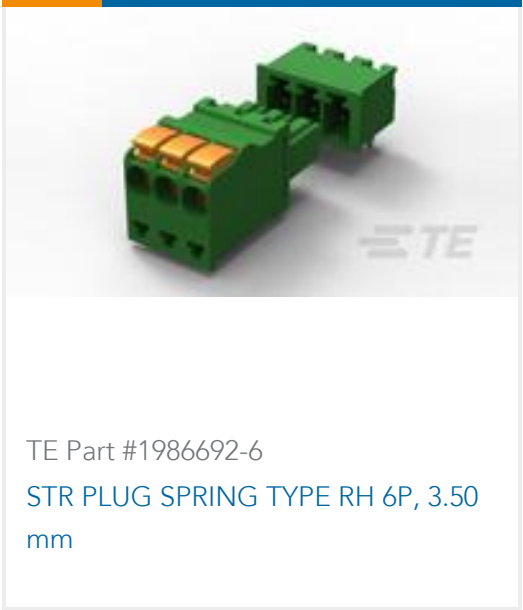
TE Part #826926-5
5P AMPMODU II STIFT LEI




TE Part #9-1879128-6
RN 0402 1K15 0.1% 10PPM 5K RL




TE Part #1986692-3
STR PLUG SPRING TYPE RH 3P, 3.50 mm




TE Part #1986692-6
STR PLUG SPRING TYPE RH 6P, 3.50 mm



TE Part #5677552005
RNF-3000-1.5/0.5-0-STK



TE Part #608734-000
EKM-2050-3D1-5S/S



TE Part #S8655PRNF
Panel,RHCP,fixed,RNF 865-870MHz, 5dBiC,FL

Documents

Product Drawings

Antenna Horiz Dipole 2.4/5 RG174 2M SMA

English

Datasheets & Catalog Pages

Sub-6 Cellular LTE-5G NR Frequency Band Guide

English

Virtual Antenna

English

Microsplatch Ground Plane Optimization

English

Remote Adhesive-Mount Dual-Band WiFi Antenna

English

RF 101 Information for the RF Challenged

English