

# ANT-LTE-HDP-2000-SMA ✓ ACTIVE

TE Internal #: L9000174-01

Module Antenna, Wide Band, Cellular / LTE, Remote Mount, Adhesive, SMA, Omnidirectional, Single Port, Gain > 6 dBi

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## Antennas



Wireless Application: **Cat-M/NB-IoT, Cellular, LTE**

Mounting Location: **Remote**

Mounting Type: **Adhesive**

Antenna Termination: **SMA**

Antenna Type: **Module**

## Features

### Product Type Features

Antenna Termination	SMA
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### Configuration Features

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

### Electrical Characteristics

VSWR (Max)	<1.8:1
Impedance	50 $\Omega$

### Signal Characteristics

Gain (Max)	3.5 dB
Frequency Band	698 – 960 MHz
Nominal Frequency Range	617 – 6000
Peak Gain	> 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	Cat-M/NB-IoT, Cellular, LTE
Primary Application	Cellular, LTE

### 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.

## Compatible Parts



TE Part # CONSMA001  
SMA Jack 50 Ohm PCB Through Hole



TE Part # CONSMA002-L-G  
SMA Jack 50 Ohm PCB Through Hole

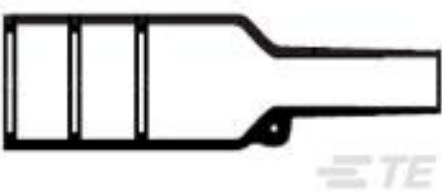


TE Part # CONSMA002-SMD-G  
SMA Jack 50 Ohm PCB Surface Mount



TE Part # CONSMA008-G  
SMA Jack 50 Ohm Through Hole PCB

## Customers Also Bought



TE Part #878497-000  
202K153-25-0



TE Part #1-640456-3  
13P MTA100 HDR ASSY F/L SQ STR



TE Part #CW4373-000  
R85049/88-19N03



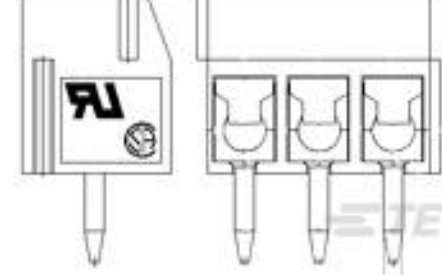
TE Part #3-644083-4  
04P MTA100 CONN ASSY POL TAB




TE Part #TAD14841311-001  
M12D4-MS-MR-PVC TYPE B RED-0.5M




TE Part #5179029-5  
0.8FH,P06H.5,120,08/Sn,TU



TE Part #1776275-2  
Vertical Term Blk Side Wire En



TE Part #ZPF0000000000001958  
182-0346-02



TE Part #ZPF0000000000001960  
182-0347-02

## Documents

### Product Drawings

[Antenna Horiz 1/2 Wave Dipole LTE 2M SMA](#)

English

### Datasheets & Catalog Pages

[Remote Adhesive-Mount Cellular Antenna](#)

English

