2480656-1 ✔ ACTIVE

SMA

TE Internal #: 2480656-1

SMA to SMA Cable Assembly, Cable Assembly Length .304 m [.99 ft], Black Cable, 3 GHz, 50 ohm, PVC Jacket, 26 AWG, 2.79 mm [.11 in] Diameter

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Cable Assemblies > RF Cable Assemblies



Cable Assembly Type: **SMA to SMA**

Cable Assembly (End A): **SMA Plug**

Cable Assembly (End B): **SMA Jack**

Cable Assembly Length: **.304 m [.99 ft]**

Coax Cable Type: **RG 174**

Features

Product Type Features

Cable Assembly Type	SMA to SMA
Cable Assembly (End A)	SMA Plug
Cable Assembly (End B)	SMA Jack
Coax Cable Type	RG 174

Configuration Features

Number of Positions	1

Electrical Characteristics

Impedance	50 Ω

Body Features

Body Plating Material	Gold
Conductor Material	Brass
Conductor Plating Material	Gold
Shield Material	Brass
Jacket Material	PVC

Cable Color	Black

Contact Features

Ferrule Plating Material	Gold
Ferrule Material	Brass
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Brass
Center Contact Plating Material	Gold

Dimensions

Outside Cable Diameter	2.79 mm[.11 in]
Wire Size	26 AWG

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Shielded	Yes
Operating Frequency Range	3 GHz

Other

Cable Assembly Length	.304 m[.99 ft]

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	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (4% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

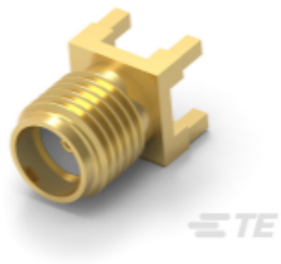
Product Compliance Disclaimer

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



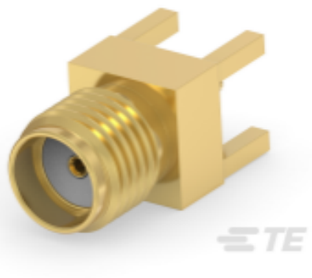
TE Part # CONSMA002-SMD-G-T
SMA Jack 50 Ohm PCB Surface Mount



TE Part # 2081156-1
SMA Jack S/T RF CONN, PIP



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



TE Part # 2466279-1
SMA Jack Str PCB Thru hole 18 Ghz Au 50



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



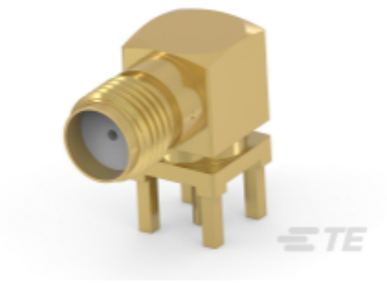
TE Part # CONSMA001-SMD
SMA Jack 50 Ohm PCB Surface Mount



TE Part # CONSMA001-SMD-G
SMA Jack 50 Ohm PCB Surface Mount



TE Part # CONSMA001-G
SMA Jack 50 Ohm PCB Through Hole



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

Also in the Series | SMA



Connector Adapters & Connector Savers(8)

Customers Also Bought



TE Part #ANT-868-HETH
Antenna 1/4 Wave Coil 868MHz THM



TE Part #CONMMCX002-SMD-T
MMCX Jack 50 Ohm PCB Surface Mount



TE Part #ADP-SMAM-RPSF
SMA Plug to RP-SMA Jack



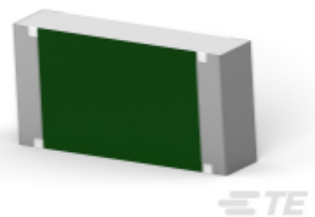
TE Part #3-1734577-1
MOD-JK,8P8C,SHD W/O LED, 6u" A



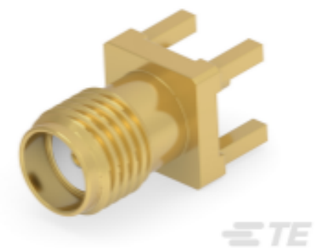
TE Part #2-1879026-1
YR1 0.1% 15R



TE Part #2-2176070-5
3521 100R 1% 2W



TE Part #2176397-3
3502 1R2 1%



TE Part #2508799-1
SMA Jack Str Thru Hole Lead Free 18 GHz



TE Part #826926-3
3P AMPMODU II PIN HDR.



TE Part #826926-4
4P AMPMODU II STIFT LEI

Documents

Product Drawings

SMA M to SMA F Str Bulkhead RG174 12"

English

CAD Files

Customer View Model

ENG_CVM_CVM_2480656-1_1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2480656-1_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2480656-1_1.3d_igs.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

dnd-fly-RF-cable-assemblies-product-expansion

English

Product Specifications

Product Specification

English