



TE Internal #: 2480661-5
SMA Cable Assembly, .177 m [.584 ft], None Cable, 0 – 18 GHz
Operating Frequency, 50 ohm, 18 AWG, 2.16 mm [.085 in]
Diameter, SMA Plug, SMA Plug
[View on TE.com >](#)

Cable Assemblies > RF Cable Assemblies



Cable Assembly (End A): **SMA Plug**
Cable Assembly (End B): **SMA Plug**
Cable Assembly Length: **.177 m [.584 ft]**
Coax Cable Type: **EPC-086 Semi-Flex**
Impedance: **50 Ω**

Features

Product Type Features

Cable Assembly (End A)	SMA Plug
Cable Assembly (End B)	SMA Plug
Coax Cable Type	EPC-086 Semi-Flex
Cable Assembly Type	SMA

Configuration Features

Number of Positions	1
---------------------	---

Electrical Characteristics

Impedance	50 Ω
-----------	------

Body Features

Conductor Plating Material	Gold
Shield Material	Brass
Body Plating Material	Gold
Conductor Material	Brass
Cable Color	None



Contact Features

Center Contact Plating	Gold
Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
Contact Base Material	Brass

Dimensions

Outside Cable Diameter	2.16 mm[.085 in]
Wire Size	18 AWG

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
-----------------------------	----------------------------

Operation/Application

Shielded	Yes
Operating Frequency	0 – 18 GHz

Other

Cable Assembly Length	.177 m[.584 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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (4.75% 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 # 2081156-1
SMA Jack S/T RF CONN, PIP

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

TE Part # CONSMA001-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 # CONSMA002-G
SMA Jack 50 Ohm PCB Through Hole

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

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

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

Documents

Product Drawings
SMA M to SMA M Str Hand Formable.086 7"
English

CAD Files
3D PDF



3D

Customer View Model

[ENG_CVM_CVM_2480661-5_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2480661-5_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2480661-5_1.3d_stp.zip](#)

English

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