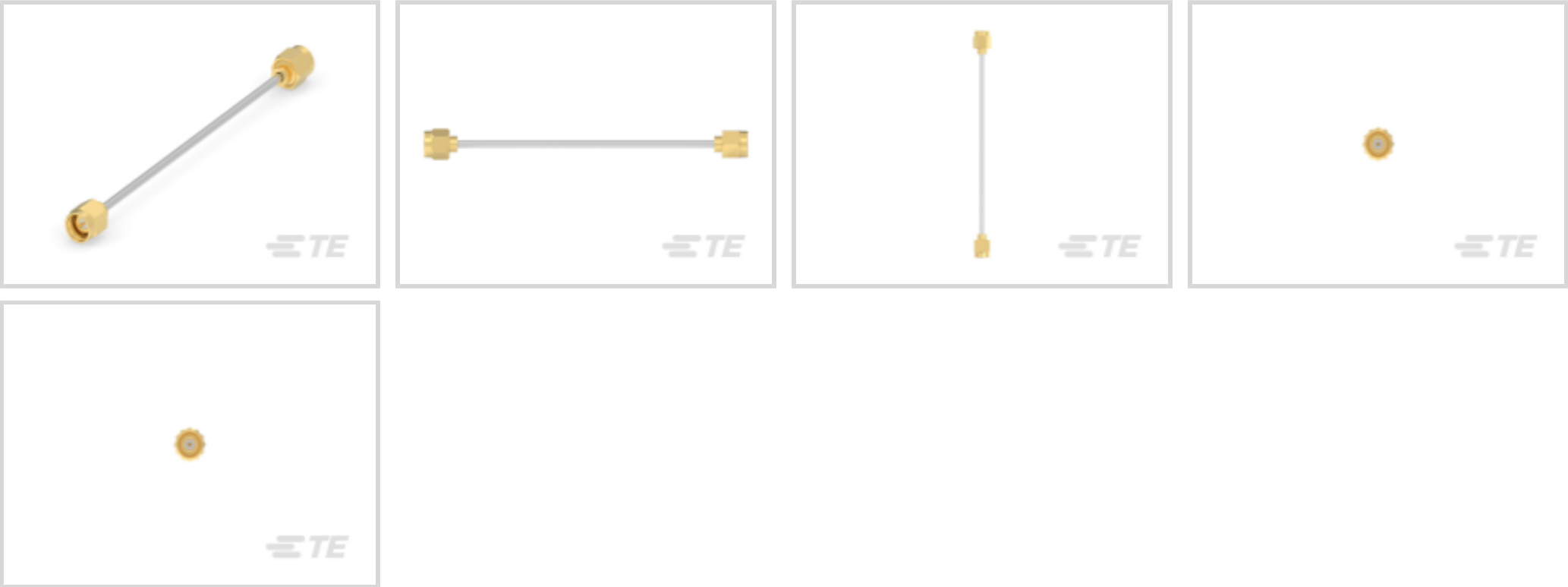




TE Internal #: 2480661-2  
SMA Cable Assembly, .1016 m [.33 ft], None Cable, 0 – 18 GHz  
Operating Frequency, 50 ohm, 18 AWG, 2.16 mm [.085 in]  
Diameter, SMA Plug, SMA Plug  
[View on TE.com >](#)

Cable Assemblies > RF Cable Assemblies



Cable Assembly (End A): **SMA Plug**  
Cable Assembly (End B): **SMA Plug**  
Cable Assembly Length: **.1016 m [.33 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 | .1016 m[.33 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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>SVHC > Threshold:<br>Pb (4.75% in Component Part)<br><b>Article Safe Usage Statements:</b><br>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 4"  
English

CAD Files  
Customer View Model





[ENG\\_CVM\\_CVM\\_2480661-2\\_1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2480661-2\\_1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2480661-2\\_1.3d\\_stp.zip](#)

English

[3D PDF](#)

3D

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