



Cable Assemblies > RF Cable Assemblies



Cable Assembly Type: **SMA to RP-SMA**
Cable Assembly (End A): **SMA Plug**
Cable Assembly (End B): **RP SMA Jack**
Cable Assembly Length: **.22 m [.71 ft]**
Coax Cable Type: **RG 174**

Features

Product Type Features

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

Configuration Features

Number of Connectorized Ends	2
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Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Plating Material	Nickel
Jacket Material	Flexible PVC
Cable Color	Black

Contact Features

Center Contact Plating Material	Gold
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Dimensions

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



Usage Conditions

Operating Temperature Range	-40 – 75 °C[-40 – 167 °F]
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Operation/Application

Shielded	Yes
Operating Frequency Range	12 GHz

Other

Dielectric Material	PE
Cable Assembly Length	.22 m[.71 ft]

Product Compliance

For compliance documentation, visit the product page on TE.com>

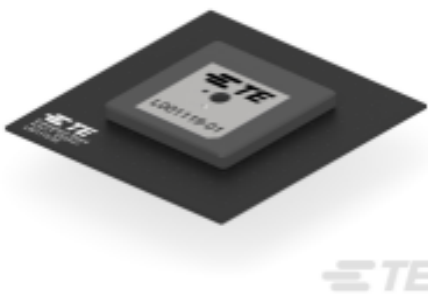
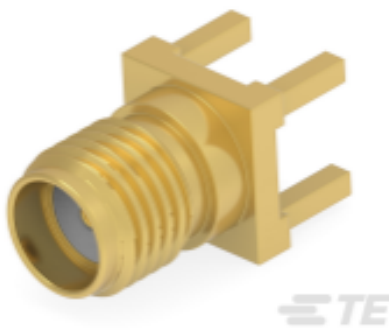
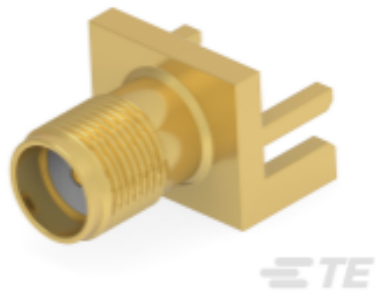
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (4.45% 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	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 2484782-1 SMA Jack RA PCB Thru Hole 18 GHz 50 Ohm	 TE Part # CONSMA011-G SMA Jack 50 Ohm Cable Crimp	 TE Part # 2484786-1 SMA Jack RA SMD Pin Thru Hole 18 GHz	 TE Part # CONSMA008-G SMA Jack 50 Ohm Through Hole PCB
 TE Part # L001119-80 Eval Kit GNCP 920MHz 70X70	 TE Part # 2484780-1 SMA Jack Str SMD Pin Thru Hole 18 GHz	 TE Part # 2484639-1 SMA Jack Str PCB Thru Hole BHD 18 GHz	 TE Part # CONSMA002-L-G SMA Jack 50 Ohm PCB Through Hole
 TE Part # 2484787-1 SMA Jack RA PCB Thru Hole BHD 18 GHz	 TE Part # CONSMA001-C-G SMA Jack 50 Ohm PCB Through Hole	 TE Part # 2484637-1 SMA Jack Edge .062 PCB Solder Tab 18 GHz	

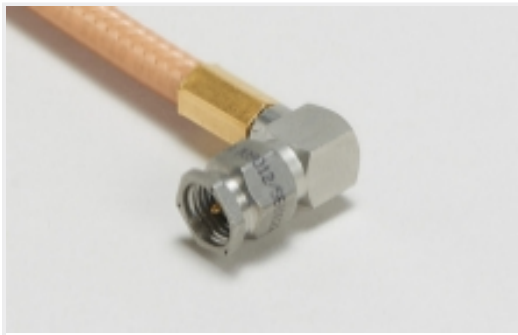
Also in the Series | SMA

 RP-SMA RF Connectors(42)	 SMA RF Connectors(197)
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Also in the Series | RP-SMA



Coax Connectors(42)



RF Cable Assemblies(44)

Customers Also Bought



TE Part #ANT-433-CW-QW
Antenna 1/4 Wave Whip 433MHz



TE Part #ANT-418-CW-QW
Antenna 1/4 Wave Whip 418MHz



TE Part #ANT-916-CW-HWR-SMA
Antenna 1/2 Wave Whip Swivel 916MHz SMA



TE Part #ANT-315-CW-HW
Antenna 1/2 Wave Whip 315MHz RPS



TE Part #OTX-418-HH-CP8-MS
Remote MS 418MHz OOK AM 8Btn HH TX FCC



TE Part #ANT-868-PW-LP
Antenna 1/4 Wave 868MHz Screw #6



TE Part #CSA-RPSM-216-RSFB
RP-SMA to RP-SMA 216mm RG174



TE Part #607381P039
SCT-NO.2-E5-0-50MM



TE Part #1-329631-2
JAM NUT, PLATED



TE Part #L9000253-01
RP-SMA to Cut Cable 216 mm RG174

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_CSA-SMAM-216-RSFB_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_CSA-SMAM-216-RSFB_B.3d_igs.zip

English

3D PDF

CSA-SMAM-216-RSFB

SMA to RP-SMA Cable Assembly, Cable Assembly Length .22 m [.71 ft], Black Cable, 12 GHz, 50 ohm, Flexible PVC Jacket, 26 AWG



English

Customer View Model

[ENG_CVM_CVM_CSA-SMAM-216-RSFB_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[CONREVSMA007 to CONREVSMA005, 8.5INCH RG-174 Cable](#)

English