

# CSA-RPSM-216-SAFB ✓ ACTIVE

TE Internal #: CSA-RPSM-216-SAFB

SMA to RP-SMA Cable Assembly, .71 ft [.22 m], Black Cable, 12.4 GHz Operating Frequency, 50  $\Omega$ , Flexible PVC, 26 AWG, .11 in [2.79 mm] Diameter

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Connector Type (End A): **RP SMA Plug**

Jacket Material: **Flexible PVC**

Cable Assembly Length: **.22 m [.71 ft]**

Cable Color: **Black**

Operating Temperature Range: **-40 – 75 °C [-40 – 167 °F]**

## Features

### Product Type Features

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

### Configuration Features

Number of Connectorized Ends	2
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### Electrical Characteristics

Impedance	50 $\Omega$
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### Body Features

Body Plating Material	Nickel
Jacket Material	Flexible PVC
Cable Color	Black

### Contact Features

Center Contact Plating	Gold
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### Dimensions

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



### Usage Conditions

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

Shielded	Yes
Operating Frequency	12.4 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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (4% in Component Part) <b>Article Safe Usage Statements:</b> 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 # CONN001-W  
N Type Jack 50 Ohm PCB Through Hole



TE Part # CONN002-W  
N Type Jack 50 Ohm Panel Mount



TE Part # CONN003-W  
N Type Jack 50 Ohm Panel Mount



TE Part # CONREV SMA007-G  
RP-SMA Plug 50 Ohm Cable Crimp



TE Part # CONSMA007-G  
SMA Plug 50 Ohm Cable Crimp



TE Part # CONSMA007-R178  
SMA Plug 50 Ohm Cable Crimp



TE Part # CONSMA007-R58  
SMA Plug 50 Ohm Cable Crimp

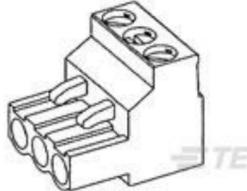


TE Part # CONSMA011-G  
SMA Jack 50 Ohm Cable Crimp

## Customers Also Bought



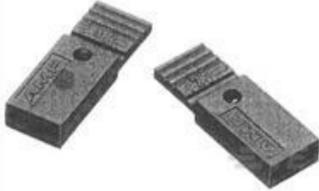
TE Part # 175965-2  
MULTILOCK, CONNECTOR HOUSING



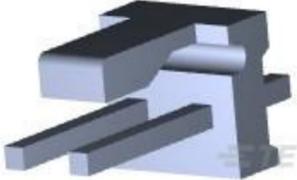
TE Part # 796634-2  
2 POS 5.08MM R/A PLUG, TRM BLK



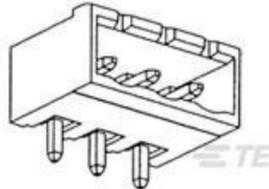
TE Part # 1437566-4  
FSMSMTR=TACT SWITCH



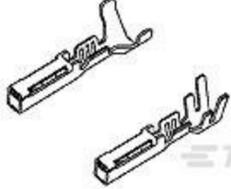
TE Part # 1-881545-1  
AMP SHUNT ASS'Y



TE Part # 640445-2  
02P MTA156 HDR ASSY FL/STR SN



TE Part # 796638-2  
2POS 5.08MM CE R/A HDR, TRM BLK



TE Part # 173681-1  
040 MLC REC CONTACT



TE Part # 2199230-4  
M.2 0.5PITCH 4.2H KEY E 15U" AU"



TE Part # CONUFL001-SMD-T  
U.FL/MHF1 Jack 50 Ohm PCB Surface Mount



## Documents

### Datasheets & Catalog Pages

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

English