1-2016655-0 ✔ ACTIVE

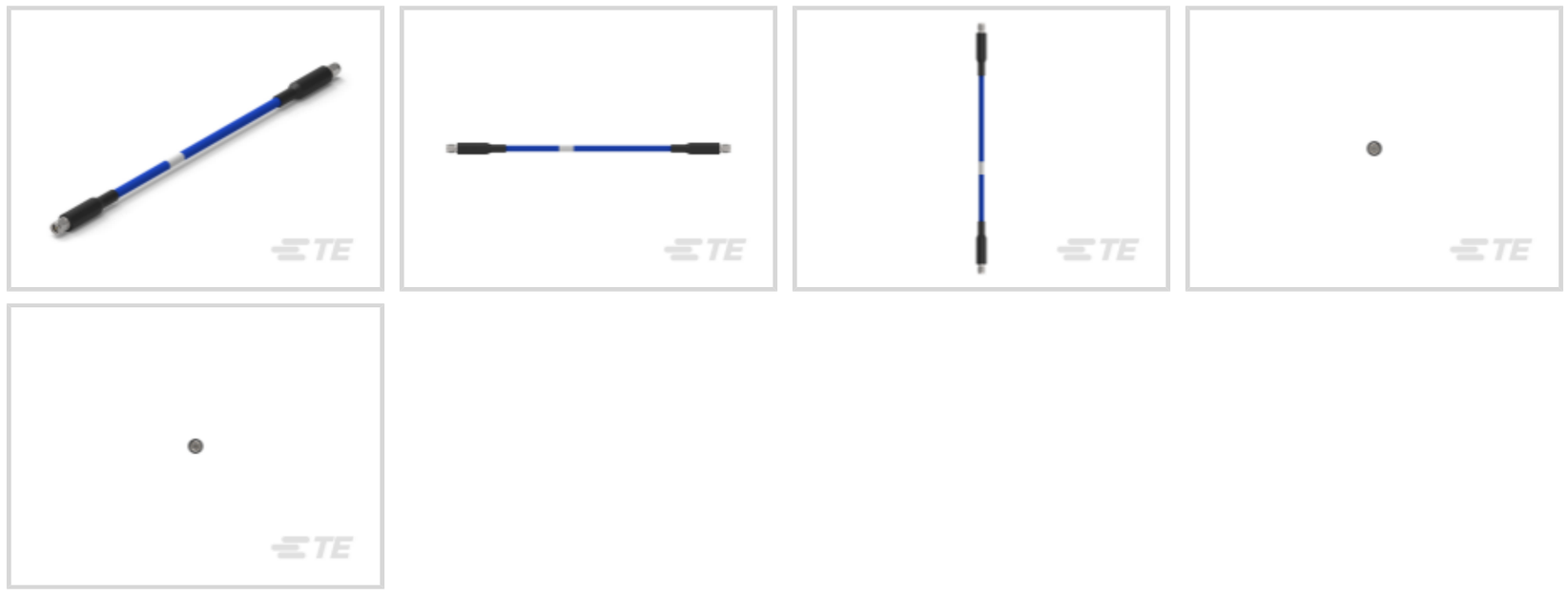
SMA

TE Internal #: 1-2016655-0

SMA to SMA Cable Assembly, 1 m [3.28 ft], Blue Cable, 18 GHz, 50 ohm, FEP Jacket, 24 AWG, 2.6 mm [.102 in] Diameter, SMA Plug End A, SMA Plug End B

View on TE.com >

Cable Assemblies > RF Cable Assemblies



Cable Assembly Type: **SMA to SMA**

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

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

Cable Assembly Length: **1 m [3.28 ft]**

Impedance: **50 Ω**

Features

Product Type Features

Cable Assembly Type	SMA to SMA
Cable Assembly (End A)	SMA Plug
Cable Assembly (End B)	SMA Plug

Configuration Features

Number of Connectorized Ends	2

Electrical Characteristics

Insulation Resistance	500 MΩ
Operating Voltage	60 V
Impedance	50 Ω

Signal Characteristics

Velocity of Propagation	74 %

Body Features

Conductor Material	Beryllium Copper

Strain Relief Type	Heat Shrink Tubing
Conductor Plating Material	Gold
Jacket Material	FEP
Cable Color	Blue

Contact Features

Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Beryllium Copper
Center Contact Plating Material	Gold

Dimensions

Outside Cable Diameter	2.6 mm[.102 in]
Wire Size	24 AWG

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Shielded	Yes
Operating Frequency Range	18 GHz

Other

Cable Assembly Length	1 m[3.28 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 2025 (250) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (.5% 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

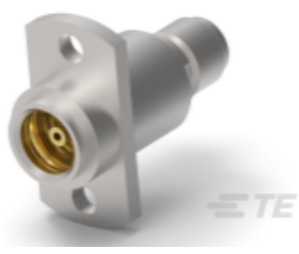
Solder Process Capability

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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



TE Part # 1059731-1
4584 2242 02



TE Part # 2081570-1
2.92MM JACK 2 HOLE FLANGE RECEPTACLE



TE Part # 1057341-1
3080 2240 00



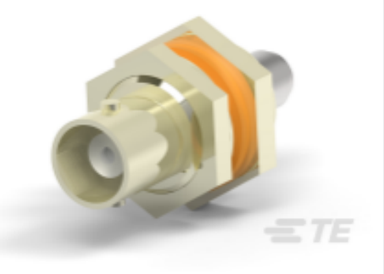
TE Part # 1057463-1
3084 2240 00



TE Part # 1057377-1
3082 2240 00,ADAPTER,N TO SMA



TE Part # 1059724-1
4583 2240 02



TE Part # 1058117-1
3284 2240 00



TE Part # 2408014-1
SMA FEMALE ST TO SWITCH



TE Part # 2081934-1
2.92MM JACK PCB EDGE LAUNCH

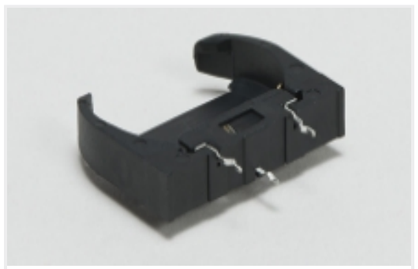


TE Part # 2081570-2
2.92MM JACK 2 HOLE FLANGE RECEPTACLE



TE Part # 1059733-1
BSA, OSP Jack-SMA Jack BHD 4584 2244 02

Also in the Series | SMA



Battery Holders(1)



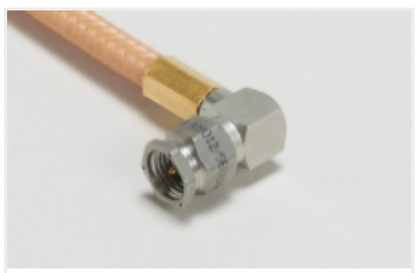
Connector Adapters & Connector Savers(8)



Connector Caps & Covers(3)

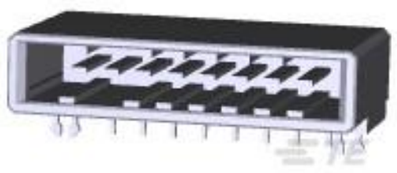


Connector Strain Relief(1)

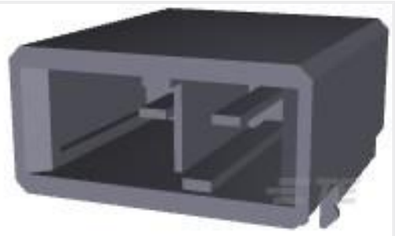


RF Cable Assemblies(119)

Customers Also Bought



TE Part #1-178297-2
DYNAMIC S/ROW HDR 8P H ASSY PdNi & Au



TE Part #1-179276-2
DYNAMIC 3200 HDR ASSY 2P H



TE Part #2-179959-2
DYNAMIC D-5200 HDR ASSY 6P H Y



TE Part #CAT-D9934-A15
Contact: Component To Wire; 3-5A, 30-18 Wire Size



TE Part #1-1827863-0
DYNAMIC 1100D REC HSG X 40P BL



TE Part #1-1827872-1
DYNAMIC 1100D HDR ASSY V 22P BLACK GOLD



TE Part #CAT-D9934-A15F
Header Assembly: Wire-to-Board, 5A, gold or tin plated



TE Part #1-1903130-6
DYNAMIC 1200D TAB HSG 12P F/H

Documents

Product Drawings

SMA,MALE-MALE,18G,L1000,WITHOUT ARMOR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2016655-0_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2016655-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2016655-0_A.3d_stp.zip

English

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Product Specifications

Product Specification

English