2016742-9 ✔ ACTIVE

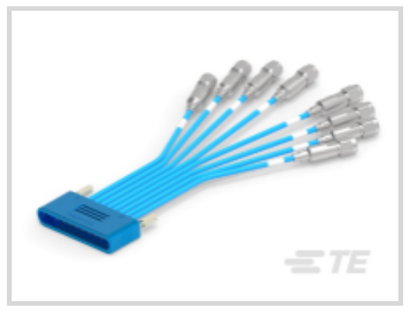
RF 2.92mm, SMPM

TE Internal #: 2016742-9

2.92mm to SMPM Cable Assembly, .9 m [2.952 ft], Blue Cable, 40 GHz, 50 ohm, FEP Jacket, 28 – 30 AWG, 2.6 mm [.102 in] Diameter

View on TE.com >

Cable Assemblies > RF Cable Assemblies







Cable Assembly Type: **2.92mm to SMPM**

Cable Assembly (End A): **2.92mm Series RF Plug**

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

Cable Assembly Length: **.9 m [2.952 ft]**

Impedance: **50 Ω**

Features

Product Type Features

Cable Assembly Type	2.92mm to SMPM
Cable Assembly (End A)	2.92mm Series RF Plug
Cable Assembly (End B)	SMPM Plug

Configuration Features

Number of Positions	8

Electrical Characteristics

Insulation Resistance	500 MΩ
Operating Voltage	150 V
Impedance	50 Ω

Signal Characteristics

Velocity of Propagation	74 %

Body Features

Conductor Material	Copper
Strain Relief Type	Heat Shrink Tubing

Shield Plating Material	Silver
Conductor Plating Material	Silver
Shield Material	Copper Wire
Jacket Material	FEP
Cable Color	Blue

Contact Features

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

Dimensions

Outside Cable Diameter	2.6 mm[.102 in]
Wire Size	28 – 30 AWG

Usage Conditions

Operating Temperature Range	-45 – 85 °C[-49 – 185 °F]

Operation/Application

Shielded	Yes
Operating Frequency Range	40 GHz

Other

Cable Assembly Length	.9 m[2.952 ft]

Product Compliance

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

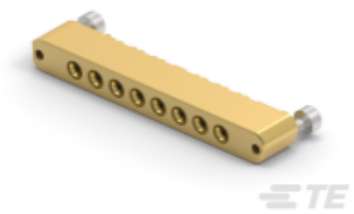
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: 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 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

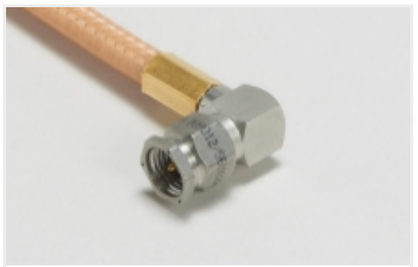


TE Part # 2081408-1
SMPM RECEPTACLE,8CHANNELS, 67GHZ

Also in the Series | RF 2.92mm



Coax Connectors(34)

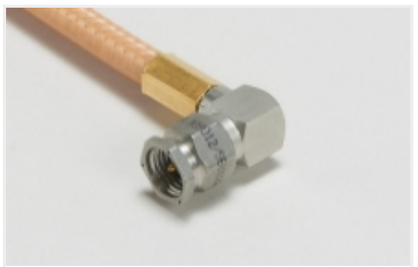


RF Cable Assemblies(5)

Also in the Series | SMPM



Coax Connectors(34)



RF Cable Assemblies(5)

Documents

Product Drawings

40GHZ,8IN1,SMPM TO 2.92,M-M,L910

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2016742-9_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2016742-9_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2016742-9_1.3d_stp.zip

English

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Product Specifications

Product Specification

English