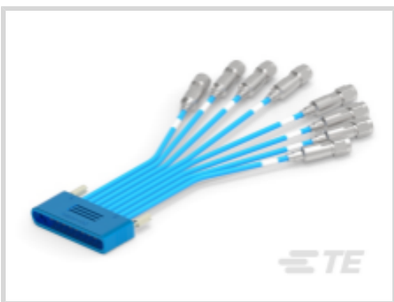
2016742-3 ✔ ACTIVE

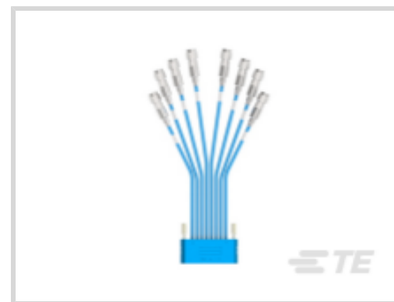
TE Internal #: 2016742-3

SMPM Cable Assembly, .98 ft [.3 m], Blue Cable, 0 – 67 GHz Operating Frequency, 50 Ω, FEP, 28 – 30 AWG, .102 in [2.6 mm] Diameter, SMPM Plug

View on TE.com >

Cable Assemblies > RF Cable Assemblies





Connector Type (End A): **SMPM Plug**

Jacket Material: **FEP**

Cable Assembly Length: **.3 m [.98 ft]**

Cable Color: **Blue**

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

Features

Product Type Features

Connector Type (End A)	SMPM Plug
Connector Type (End B)	1.85mm Series RF CA Plug
Cable Assembly Type	SMPM

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 Plating Material	Silver
Strain Relief Type	HST

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

Contact Features

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

Dimensions

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

Usage Conditions

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

Operation/Application

Shielded	Yes
Operating Frequency	0 – 67 GHz

Other

Cable Assembly Length	.3 m[.98 ft]

Product Compliance

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

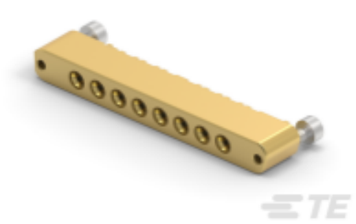
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (8.35% 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

Documents

Product Drawings

40GHZ,8IN1,SMPM TO 2.92,M-M,L305

English

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_2016742-3_1.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2016742-3_1.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2016742-3_1.3d_stp.zip

English

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Product Specifications

Product Specification

English