1-2016487-0 ✔ ACTIVE

TE Internal #: 1-2016487-0

RF Cable Assemblies, FEP, Length 1 m, Black with red stripe Cable Color, -55 – 125 °C, 24 AWG Wire Size, 4.9 mm Diameter, 50 Ω

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Cable Assemblies > RF Cable Assemblies



Jacket Material: **FEP**

Cable Assembly Length: **1 m**

Cable Color: **Black with red stripe**

Operating Temperature Range: **-55 – 125 °C**

Wire Size: **24 AWG**

Features

Product Type Features

Shielded	Yes
Shrink Tubing	With
Coaxial Cable Type	Flexible double shield
Product Designation	Test and measurement cable
Product Type	Cable Assembly
RF Connector Type	1.85mm Series

Configuration Features

Number of Positions	Coaxial
Number of Connectorized Ends	2

Electrical Characteristics

Voltage	150 V
Insulation Resistance	500 MΩ
Impedance	50 Ω

Signal Characteristics

Velocity of Propagation	74%

Frequency	DC – 65 GHz

Body Features

Conductor Material	Copper Wire
Body Plating	Stainless Steel
Ferrule Plating	Nickel
Ferrule Material	Copper Alloy
Conductor Plating Material	Silver
Shield Plating Material	Silver
Shield Material	Copper Wire
Jacket Material	FEP
Cable Color	Black with red stripe

Contact Features

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

Mechanical Attachment

Coupling Nut Material	Stainless Steel

Dimensions

Wire Size	24 AWG
Outside Cable Diameter	4.9 mm

Usage Conditions

Operating Temperature Range	-55 – 125 °C

Other

Dielectric Material	PTFE
Cable Assembly Length	1 m

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	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	

	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Pb (4% 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 Halogen - Br, Cl, F, I < 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 # 2081937-1
1.85MM JACK 2-HOLE FLANGE SOLDERLESS



TE Part # 2081550-1
ADAPTOR 1.85MM JACK TO 1.85MM JACK

Documents

Product Drawings

HF CA,1.85 M-M,70GHz,L1000

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2016487-0_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2016487-0_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2016487-0_1.3d_stp.zip

English

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Product Specifications

Application Specification

English