# 1-2016659-0 ✔ ACTIVE

RF 1.85mm

TE Internal #: 1-2016659-0

1.85mm to 1.85mm Cable Assembly, 1 m [3.28 ft], Black Cable, 67 GHz, 50 ohm, FEP Jacket, 24 AWG, 4.9 mm [.192 in] Diameter

View on TE.com >

Cable Assemblies > RF Cable Assemblies







Cable Assembly Type: **1.85mm to 1.85mm**

Cable Assembly (End A): **1.85mm Series RF Jack**

Cable Assembly (End B): **1.85mm Series RF Jack**

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

Impedance: **50 Ω**

## Features

### Product Type Features

| | |
|---|---|
| Cable Assembly Type | 1.85mm to 1.85mm |
| Cable Assembly (End A) | 1.85mm Series RF Jack |
| Cable Assembly (End B) | 1.85mm Series RF Jack |

### Electrical Characteristics

| | |
|---|---|
| Impedance | 50 Ω |

### Body Features

| | |
|---|---|
| Strain Relief Type | Heat Shrink Tubing |
| Jacket Material | FEP |
| Cable Color | Black |

### Dimensions

| | |
|---|---|
| Outside Cable Diameter | 4.9 mm[.192 in] |
| Wire Size | 24 AWG |

### Usage Conditions

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

## Operation/Application

| | |
|---|---|
| Shielded | Yes |
| Operating Frequency Range | 67 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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>SVHC > Threshold:<br>Pb (4.35% in Component Part)<br>**Article Safe Usage Statements:**<br>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 # 2081552-1
ADAPTOR 2.4MM PLUG TO 1.85MM JACK



TE Part # 2081937-1
1.85MM JACK 2-HOLE FLANGE SOLDERLESS



TE Part # 2081551-1
ADAPTOR 2.4MM PLUG TO 1.85MM PLUG

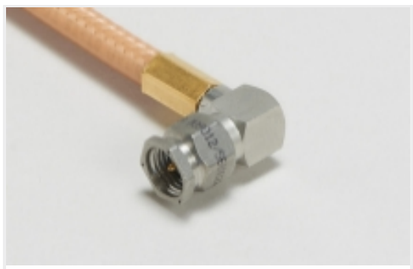


TE Part # 2081549-1
ADAPTOR 1.85MM PLUG TO 1.85MM PLUG

## Also in the Series | RF 1.85mm

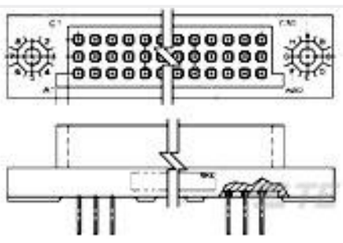


Coax Connectors(1)

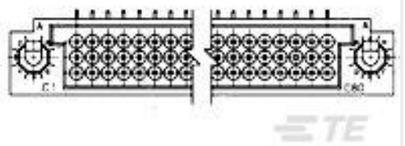


RF Cable Assemblies(29)

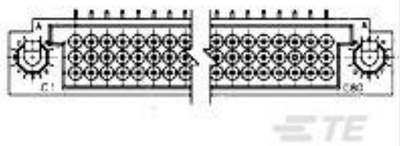
## Customers Also Bought



TE Part #446853-5
3ROW BOX REC 165P 100CLSEALED



TE Part #448007-2
3 ROW BOX PIN 210 POS R/A



TE Part #448008-1
3 ROW BOX PIN 180 POS R/A S/L



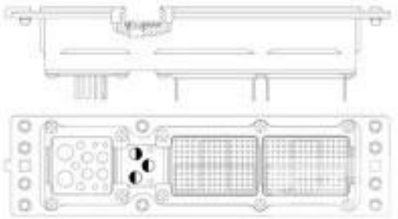
TE Part #1617122-6
JMACD-18XLS = M39016/15-104L



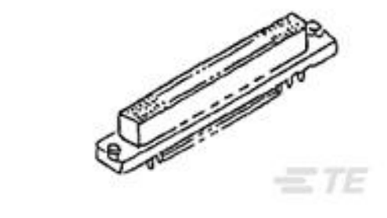
TE Part #4-1617352-0
JMGSCD-6MW=M39016/42-050M



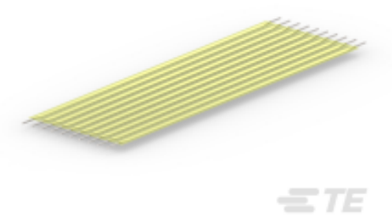
TE Part #5-1617352-3
JMGSCDD-5PW=M39016/43-049P



TE Part #1757964-2
A600 SZ 2 RCPT 150/150/13C2



TE Part #6-5174215-4
AMPLIMITE.050 PLUG ASS'Y (V) 60P PB-FREE



TE Part #3-1437193-0
FST140569621 FST-24A-22V4

# Documents

## Product Drawings

1.85 F DOUBLE,67G,1.0M WITH ARMOR,BRAID

English

## CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2016659-0_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2016659-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2016659-0_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

## Product Specifications

Product Specification

English