



TE Internal #: 2480671-1  
 MMCX Cable Assembly, .152 m [.49 ft], Black Cable, 0 – 6 GHz  
 Operating Frequency, 50 ohm, FEP, 30 AWG, 1.8 mm [.07 in]  
 Diameter, MMCX Plug End A

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Cable Assemblies > RF Cable Assemblies



Cable Assembly Type: **MMCX**  
 Cable Assembly Length: **.152 m [.49 ft]**  
 Cable Color: **Black**  
 Operating Frequency: **0 – 6 GHz**  
 Impedance: **50 Ω**

**Features**

**Configuration Features**

Number of Positions	1
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**Contact Features**

Contact Underplating Material	Nickel
Ferrule Plating Material	Gold
Ferrule Material	Brass
Contact Mating Area Plating Material	Gold
Contact Base Material	Brass
Center Contact Plating	Gold

**Operation/Application**

Shielded	Yes
Operating Frequency	0 – 6 GHz

**Body Features**

Body Plating Material	Gold
Conductor Material	Brass



Shield Plating Material	Nickel
Shield Material	Brass
Cable Color	Black
Jacket Material	FEP

### Product Type Features

Cable Assembly Type	MMCX
Cable Assembly (End A)	MMCX Plug
Cable Assembly (End B)	MMCX Plug
Coax Cable Type	RG 178

### Other

Cable Assembly Length	.152 m [.49 ft]
EU RoHS Compliance	Compliant with Exemptions

### Electrical Characteristics

Impedance	50 $\Omega$
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### Dimensions

Wire Size	30 AWG
Outside Cable Diameter	1.8 mm [.07 in]

### Usage Conditions

Operating Temperature Range	-55 – 155 °C [-67 – 311 °F]
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## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (4.75% in Component Part) <small>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.</small>
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



## Documents

## Product Drawings

[MMCX M to MMCX M RA RG178 50 Ohm 6"](#)

English

## CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_2480671-1\\_1.3d\\_stp.zip](#)

English



### Customer View Model

[ENG\\_CVM\\_CVM\\_2480671-1\\_1.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_2480671-1\\_1.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

[dnd-fly-RF-cable-assemblies-product-expansion](#)

English