



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, MMCX Plug
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Cable Assemblies > RF Cable Assemblies



Cable Assembly (End A): **MMCX Plug**
Cable Assembly (End B): **MMCX Plug**
Cable Assembly Length: **.152 m [.49 ft]**
Coax Cable Type: **RG 178**
Impedance: **50 Ω**

Features

Product Type Features

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

Configuration Features

Number of Positions	1
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Electrical Characteristics

Impedance	50 Ω
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Body Features

Shield Plating Material	Nickel
Shield Material	Brass
Body Plating Material	Gold
Conductor Material	Brass
Jacket Material	FEP



Cable Color	Black
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Contact Features

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

Dimensions

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

Usage Conditions

Operating Temperature Range	-55 – 155 °C[-67 – 248 °F]
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Operation/Application

Shielded	Yes
Operating Frequency	0 – 6 GHz

Other

Cable Assembly Length	.152 m[.49 ft]
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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 2024 (241) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (4.35% 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 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



TE Part # CONMMCX001
MMCX Jack 50 Ohm PCB Through Hole



TE Part # CONMMCX001-SMD-T
MMCX Jack 50 Ohm PCB Surface Mount



TE Part # CONMMCX002
MMCX Jack 50 Ohm PCB Through Hole



TE Part # CONMMCX002-SMD-T
MMCX Jack 50 Ohm PCB Surface Mount



TE Part # CONMMCX013-T
MMCX Jack 50 Ohm PCB Edge Mount

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

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