



UMCC

TE Internal #: 2015699-1  
UMCC Cable Assembly, .33 ft [.1 m], Black Cable, 0 – 9 GHz  
Operating Frequency, 50 Ω, FEP, .031 in [.8 mm] Diameter, UMCC  
Plug, UMCC Plug

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Cable Assemblies > RF Cable Assemblies



Connector Type (End A): **UMCC Plug**  
Jacket Material: **FEP**  
Cable Assembly Length: **.1 m [.33 ft]**  
Cable Color: **Black**  
Operating Temperature Range: **-40 – 90 °C [-40 – 194 °F]**

Features

Product Type Features

Coax Cable Type	.81 mm
Connector Type (End A)	UMCC Plug
Connector Type (End B)	UMCC Plug
Cable Assembly Type	UMCC

Configuration Features

Number of Connectorized Ends	2
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Electrical Characteristics

Insulation Resistance	50 MΩ
Operating Voltage	60 VAC
Impedance	50 Ω

Signal Characteristics

Velocity of Propagation	70 %
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Body Features

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Conductor Plating Material	Silver
Strain Relief Type	None
Shield Plating Material	Silver
Shield Material	Copper
Conductor Material	Copper
Jacket Material	FEP
Cable Color	Black

Contact Features

Center Contact Plating	Gold
Contact Base Material	Brass, Phosphor Bronze

Mechanical Attachment

Mating Diameter	2 mm
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Dimensions

Mated Height	2.5 mm
Outside Cable Diameter	.8 mm[.031 in]

Usage Conditions

Operating Temperature Range	-40 – 90 °C[-40 – 194 °F]
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Operation/Application

Shielded	Yes
Operating Frequency	0 – 9 GHz

Other

Dielectric Material	FEP
Cable Assembly Length	.1 m[.33 ft]

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240)



	Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 1909763-1  
UMCC MICRO-COAX RECPT GEN 1  
HIGHER LEVEL




TE Part # 2337019-1  
UMCC Micro-Coax receptacle, Gen 1

Also in the Series | UMCC



Coax Connectors(3)



RF Cable Assemblies(7)

Customers Also Bought





TE Part #788153-2  
[One-Piece Connector, Sealed, CPC Series 1](#)



TE Part #2176486-1  
[BMC 0805 1K0 25% A Gen C](#)



TE Part #1-1825910-8  
[FSM10JH=6MM TACT SWITCH, HIGH TEMP](#)



TE Part #640309-3  
[UMNL PIN 12-10 PTPPHBZ](#)



TE Part #3-5100147-0  
[Z-PACK,TYPE A, RA REC.110P](#)



TE Part #2016677-4  
[RF CA,UMCC GEN2-GEN4,0.81,L80, BLACK](#)



TE Part #CONSMA011-R58  
[SMA Jack 50 Ohm Cable Crimp](#)

Documents

Product Drawings

[RF CA,UMCC GEN1-GEN1,0.81MM CABLE,L100MM](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2015699-1\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2015699-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2015699-1\\_B.3d\\_stp.zip](#)

English

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

Datasheets & Catalog Pages

[UMCC - Ultraminiature Coax Connector & Cable Assembly Series Datasheet 1-1773441-5](#)

English

[UMCC Ultraminiature Coax Connector and Cable Assembly Series](#)

English

Product Specifications

[Product Specification](#)

English

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