



TE Internal #: 2016677-3  
UMCC Cable Assembly, .17 m [.55 ft], Black Cable, 0 – 6 GHz, 50 ohm, FEP Jacket, 36 AWG, .8 mm [.031 in] Diameter, UMCC GEN 2 Plug End A  
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Cable Assemblies > RF Cable Assemblies



Cable Assembly Type: **UMCC**  
Cable Assembly Length: **.17 m [.55 ft]**  
Cable Color: **Black**  
Operating Frequency: **0 – 6 GHz**  
Impedance: **50 Ω**

Features

Product Type Features

Cable Assembly Type	UMCC
Cable Assembly (End A)	UMCC GEN 2 Plug
Cable Assembly (End B)	UMCC GEN 4 Plug
Coax Cable Type	.81 mm

Configuration Features

Number of Connectorized Ends	2
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Electrical Characteristics

Insulation Resistance	300 MΩ
Operating Voltage	15 V
Impedance	50 Ω

Signal Characteristics

Velocity of Propagation	70 %
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Body Features

Body Plating Material	Gold
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Conductor Material	Copper
Strain Relief Type	HST
Conductor Plating Material	Gold
Cable Color	Black
Jacket Material	FEP

Contact Features

Ferrule Material	Brass
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Dimensions

Wire Size	36 AWG
Outside Cable Diameter	.8 mm[.031 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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Operation/Application

Operating Frequency	0 – 6 GHz
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Other

Dielectric Material	FEP
Cable Assembly Length	.17 m[.55 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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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

TE Part # 2334884-1  
UMCC Micro-Coax receptacle, Gen 4

Customers Also Bought

TE Part #1-2118651-0  
RF CA,UMCC GEN1-GEN1,1.13MM  
CABLE,L60MM

TE Part #2015699-1  
RF CA,UMCC GEN1-GEN1,0.81MM  
CABLE,L100MM

TE Part #160759-4  
PL 250 TERMINAL REC 0.5-1.5 MM2  
TPPHBZ

TE Part #2201778-1  
MICRO SD PUSH PUSH LOW PROFILE  
TYPE

TE Part #1-1623729-8  
BCHE 17 W 3K3 5%

TE Part #2-1624113-9  
3650 0805 10nH 5% 2K RL

TE Part #CONMHF4-SMD-G-T  
MHF4 Jack 50 Ohm PCB Surface  
Mount

TE Part #5-1775444-2  
EMIX CONN., 1.5MM PITCH, HDR, R  
/A, 2P

TE Part #2-1445055-2  
MICRO MNL HDR ASSY S/ROW LF

TE Part #2015357-3  
C/A, UMCC/UMCC, 1.37 OD CABLE,  
100MM LON

Documents



Product Drawings

RF CA,UMCC GEN2-GEN4,0.81,L50,BLACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2016677-3\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2016677-3\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2016677-3\_A.3d\_stp.zip

English

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Product Specifications

English