2016677-3 ✔ ACTIVE

UMCC4, UMCC2

TE Internal #: 2016677-3

UMCC2 to UMCC4 Cable Assembly, .17 m [.55 ft], Black Cable, 9 GHz, 50 ohm, FEP Jacket, 36 AWG, .81 mm [.031 in] Diameter, UMCC GEN 2 Plug End A

View on TE.com >

Cable Assemblies > RF Cable Assemblies

Cable Assembly Type: **UMCC2 to UMCC4**

Cable Assembly (End A):   **UMCC GEN 2 Plug**

Cable Assembly (End B):   **UMCC GEN 4 Plug**

Cable Assembly Length: **.17 m [.55 ft]**

Coax Cable Type: **.81mm Coax**

Features

Product Type Features

Cable Assembly Type	UMCC2 to UMCC4
Cable Assembly (End A)	UMCC GEN 2 Plug
Cable Assembly (End B)	UMCC GEN 4 Plug
Coax Cable Type	.81mm Coax

Configuration Features

Number of Connectorized Ends	2

Electrical Characteristics

Insulation Resistance	300 MΩ
Operating Voltage	15 V
Impedance	50 Ω

Signal Characteristics

Velocity of Propagation	70 %

Body Features

2016677-3

UMCC2 to UMCC4 Cable Assembly, .17 m [.55 ft], Black Cable, 9 GHz, 50 ohm, FEP
Jacket, 36 AWG, .81 mm [.031 in] Diameter, UMCC GEN 2 Plug End A

Body Plating Material	Gold
Conductor Material	Copper
Strain Relief Type	Heat Shrink Tubing
Conductor Plating Material	Gold
Jacket Material	FEP
Cable Color	Black

Contact Features

Ferrule Material	Brass

Dimensions

Outside Cable Diameter	.81 mm[.031 in]
Wire Size	36 AWG

Usage Conditions

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

Operation/Application

Operating Frequency Range	9 GHz

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) 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

UMCC2 to UMCC4 Cable Assembly, .17 m [.55 ft], Black Cable, 9 GHz, 50 ohm, FEP Jacket, 36 AWG, .81 mm [.031 in] Diameter, UMCC GEN 2 Plug End A

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
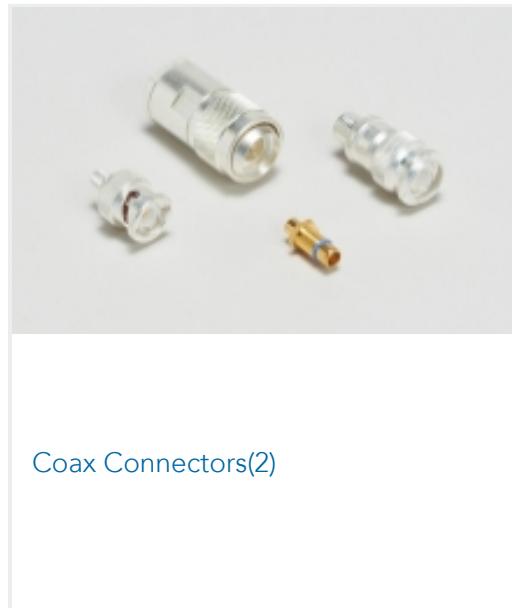UMCC MICRO-COAX RECPT GEN 1 HIGHER LEVEL

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

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

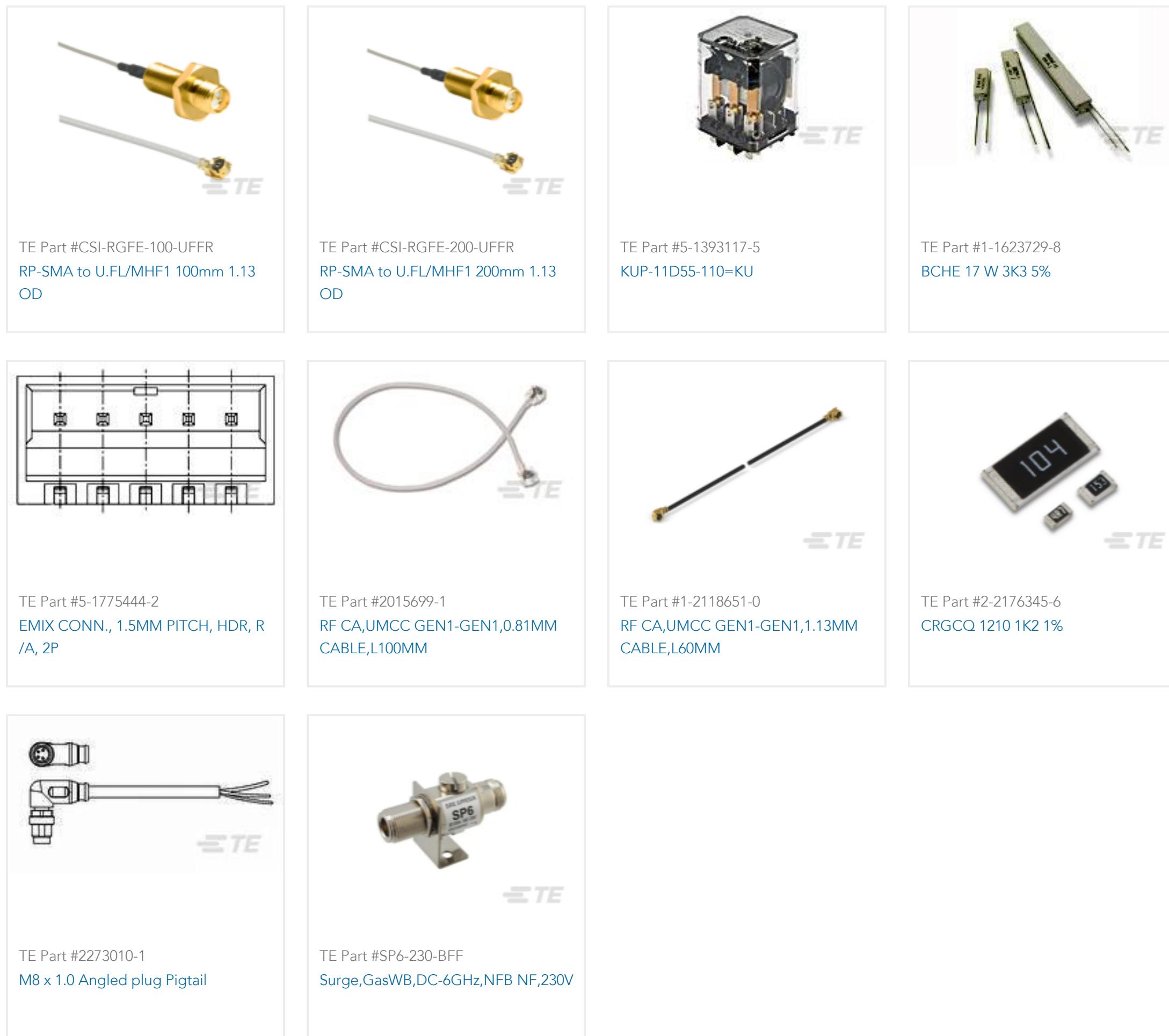## Also in the Series | UMCC4

Coax Connectors(2)

RF Cable Assemblies(4)

Also in the Series | UMCC2

RF Cable Assemblies(4)

Customers Also Bought

UMCC2 to UMCC4 Cable Assembly, .17 m [.55 ft], Black Cable, 9 GHz, 50 ohm, FEP Jacket, 36 AWG, .81 mm [.031 in] Diameter, UMCC GEN 2 Plug End A

TE Part #CSI-RGFE-100-UFFR
RP-SMA to U.FL/MHF1 100mm 1.13 OD

TE Part #CSI-RGFE-200-UFFR
RP-SMA to U.FL/MHF1 200mm 1.13 OD

TE Part #5-1393117-5
KUP-11D55-110=KU

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

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

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

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

TE Part #2-2176345-6
CRGCQ 1210 1K2 1%

TE Part #2273010-1
M8 x 1.0 Angled plug Pigtail

TE Part #SP6-230-BFF
Surge,GasWB,DC-6GHz,NFB NF,230V

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

Product Specifications

UMCC2 to UMCC4 Cable Assembly, .17 m [.55 ft], Black Cable, 9 GHz, 50 ohm, FEP
Jacket, 36 AWG, .81 mm [.031 in] Diameter, UMCC GEN 2 Plug End A

English