

2032439-1 ✓ ACTIVE

AMP | SMA, UMCC

TE Internal #: 2032439-1

UMCC to SMA Cable Assembly, .2 m [.66 ft], Black Cable, 0 – 9 GHz

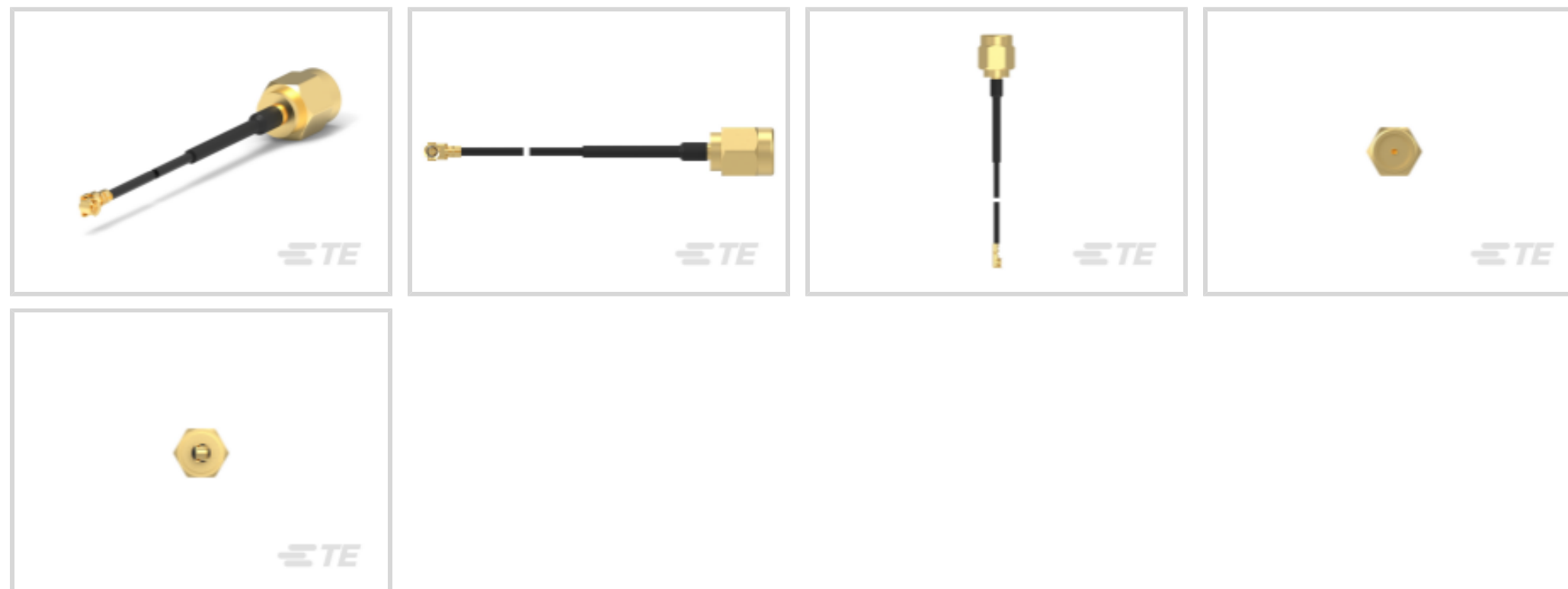
Operating Frequency, 50 ohm, FEP, 1.37 mm [.054 in] Diameter,

UMCC GEN 1 Plug

[View on TE.com >](#)



Cable Assemblies > RF Cable Assemblies



Cable Assembly (End A): **UMCC GEN 1 Plug**

Cable Assembly (End B): **SMA Plug**

Cable Assembly Length: **.2 m [.66 ft]**

Coax Cable Type: **1.37 mm**

Impedance: **50 Ω**

## Features

### Product Type Features

Cable Assembly (End A)	UMCC GEN 1 Plug
Cable Assembly (End B)	SMA Plug
Coax Cable Type	1.37 mm
Cable Assembly Type	UMCC to SMA

### 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



Conductor Plating Material	Silver
Strain Relief Type	HST
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	1.37 mm [.054 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	.2 m [.66 ft]

## 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	Compliant
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 (2.7% 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
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Solder Process Capability	Not reviewed for solder process capability
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**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

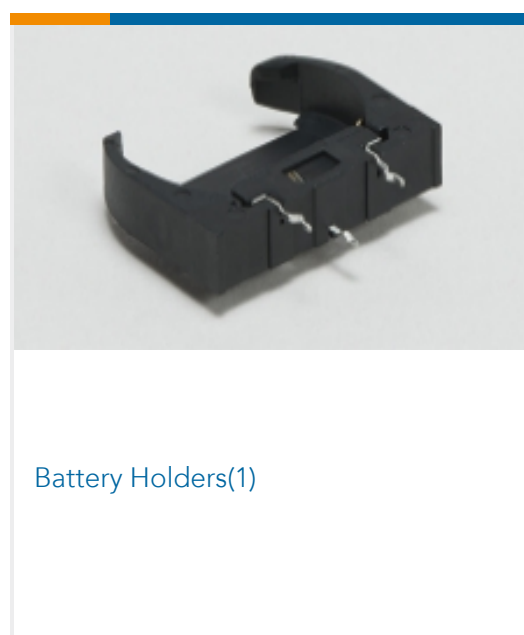


TE Part # 1909763-1  
UMCC MICRO-COAX RECPT GEN 1  
HIGHER LEVEL

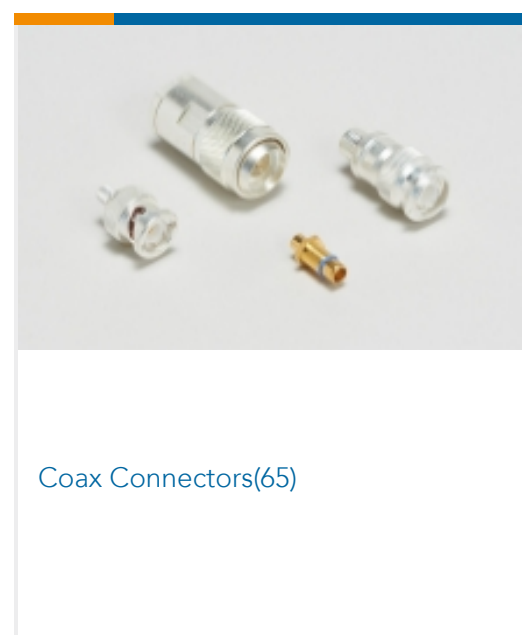


TE Part # 2337019-1  
UMCC Micro-Coax receptacle, Gen 1

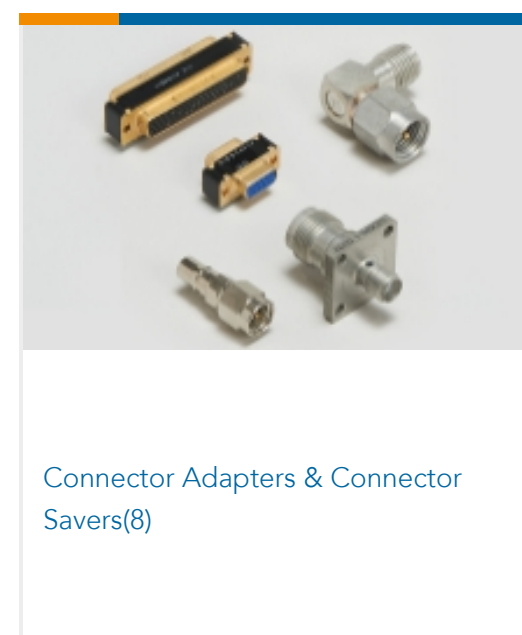
## Also in the Series | SMA



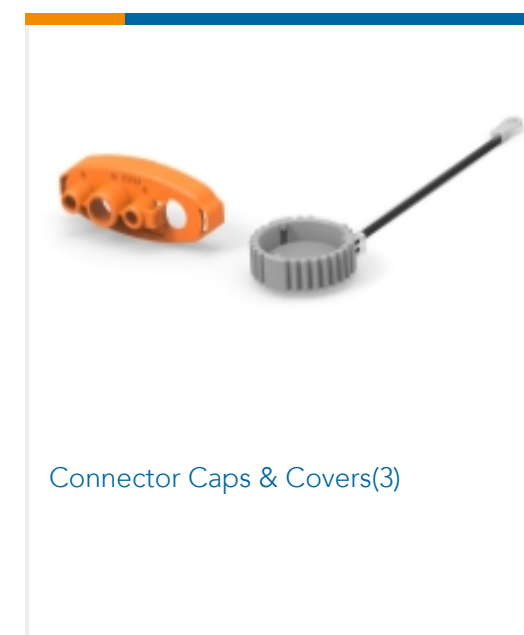
Battery Holders(1)



Coax Connectors(65)



Connector Adapters & Connector Savers(8)



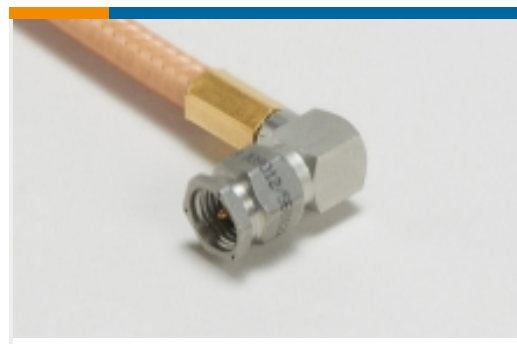
Connector Caps & Covers(3)



Connector Hardware(2)



Connector Strain Relief(1)



RF Cable Assemblies(2)

Also in the Series | **UMCC**

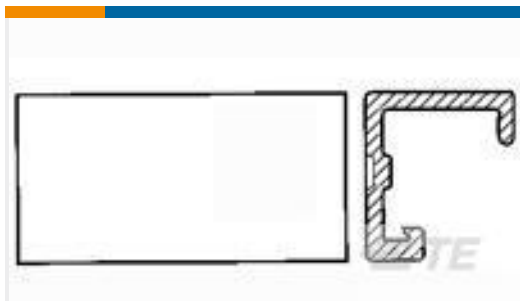


Coax Connectors(3)



RF Cable Assemblies(7)

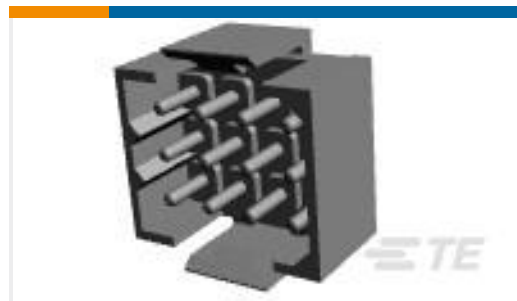
Customers Also Bought



TE Part #640550-8  
08P MTA100 COVER



TE Part #3-643817-2  
02P MTA156 CONN ASSY 18AWG  
ORA



TE Part #1-207120-1  
METRIMATE PIN HDR ASY,12P LF



TE Part #2-1761679-7  
IDC LOW PRO HDR 20P VERT BLUE



TE Part #2176230-1  
3522 0R0 5% 3W



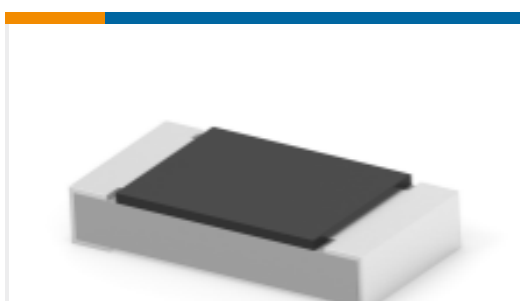
TE Part #2-326819-1  
PG R 22-16 COMM 22-18 MIL 6



TE Part #1SNK160011R0000  
MC812PA 1->10 (x10) Horizontal



TE Part #CSA-SMAM-216-RSFB  
SMA to RP-SMA 216mm RG174



TE Part #3-2176581-8  
RLC73PW 2B R137 1% 5K RL



## Documents

### Product Drawings

[RF CA,UMCC1 TO SMA PLUG,1.37MM,L200MM](#)

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2032439-1\\_B.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2032439-1\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2032439-1\\_B.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

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

English

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

English

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### Product Specifications

English