CSJ-SGFB-100-MHF4 ✔ ACTIVE

SMA, UMCC4

TE Internal #: CSJ-SGFB-100-MHF4

SMA to UMCC4 Cable Assembly, Cable Assembly Length .1 m [. 328 ft], Black Cable, 9 GHz, 50 ohm, PFA Jacket, 34 AWG, .81 mm [. 031 in] Diameter

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Cable Assemblies > RF Cable Assemblies



Cable Assembly Type: **SMA to UMCC4**

Cable Assembly (End A): **SMA Jack**

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

Cable Assembly Length: **.1 m [.328 ft]**

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

Features

Product Type Features

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

Configuration Features

Number of Connectorized Ends	2

Electrical Characteristics

Impedance	50 Ω

Body Features

Body Plating Material	Gold
Jacket Material	PFA
Cable Color	Black

Contact Features

Center Contact Plating Material	Gold

Dimensions

Outside Cable Diameter	.81 mm[.031 in]
Wire Size	34 AWG

Usage Conditions

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

Operation/Application

Shielded	Yes
Operating Frequency Range	9 GHz

Other

Dielectric Material	FEP
Cable Assembly Length	.1 m[.328 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	Not Yet Reviewed
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 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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



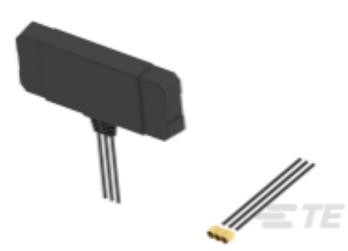
TE Part # CONSMA007-G
SMA Plug 50 Ohm Cable Crimp



TE Part # CONSMA007
SMA Plug 50 Ohm Cable Crimp



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

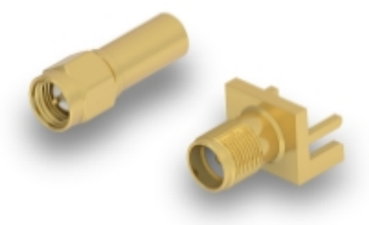


TE Part # L000631-01
3 port (2x Cell, 1x GNSS),SMA 1.0M



TE Part # CONSMA011
SMA Jack 50 Ohm Cable Crimp

Also in the Series | SMA

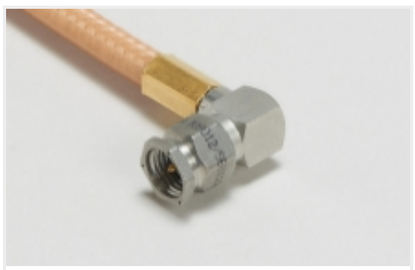


SMA RF Connectors(197)

Also in the Series | UMCC4



Coax Connectors(2)

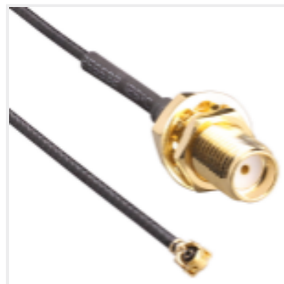


RF Cable Assemblies(38)

Customers Also Bought



TE Part #CSJ-SGFB-200-MHF4
SMA to MHF4 200mm 0.81 OD



TE Part #CSH-SGFB-100-UFFR
SMA to U.FL/MHF1 100mm 1.32 OD



TE Part #1SNK506152R0000
ZS6-4S-PE



TE Part #1-1419158-6
GET MALE TERM, A, SN, REREEL



TE Part #1-2199230-1
M.2 0.5PITCH 4.2H KEY E 10U'' AU



TE Part #2205061-1
CA MICRO-MATCH MOW-MOW 6POS



TE Part #2410329-4
RF CA,UMCC GEN1-GEN1,1.37MM CABLE,L200MM



TE Part #1483350-1
MICRO-MATCH LEAD 04P 100MM



TE Part #1483351-2
MICRO-MATCH LEAD 06P 150MM



TE Part #1483351-3
MICRO-MATCH LEAD 06P 250MM

Documents

Product Drawings

SMA to MHF4 100mm 0.81 OD

English

CAD Files

Customer View Model

ENG_CVM_CVM_CSJ-SGFB-100-MHF4_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_CSJ-SGFB-100-MHF4_B.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_CSJ-SGFB-100-MHF4_B.3d_igs.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

CBL ASSEMBLY, MHF4 TO FEM BLKHD SMA, 0.81mm CBL

English