

# CSI-SGFB-300-UFFR ✓ ACTIVE

TE Internal #: CSI-SGFB-300-UFFR

SMA Bulkhead to UMCC Cable Assembly, .98 ft [.3 m], Gray Cable,  
3 GHz Operating Frequency, 50 Ω, FEP, 31 AWG, .044 in [1.13 mm]  
Diameter, SMA Jack

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Cable Assemblies > RF Cable Assemblies



Connector Type (End A): **SMA Jack**

Jacket Material: **FEP**

Cable Assembly Length: **.3 m [.98 ft]**

Cable Color: **Gray**

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

## Features

### Product Type Features

Coax Cable Type	1.13 mm
Connector Type (End A)	SMA Jack
Connector Type (End B)	MHF1 Plug
Cable Assembly Type	SMA Bulkhead to UMCC

### Configuration Features

Number of Connectorized Ends	2
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### Electrical Characteristics

Impedance	50 Ω
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### Body Features

Body Plating Material	Gold
Jacket Material	FEP
Cable Color	Gray

### Contact Features

Center Contact Plating	Gold
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### Dimensions

Wire Size	31 AWG
Outside Cable Diameter	1.13 mm [.044 in]



### Usage Conditions

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

Shielded	Yes
Operating Frequency	3 GHz

### Other

Dielectric Material	FEP
Cable Assembly Length	.3 m[.98 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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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 # CONMHF1-SMD-G-T  
U.FL/MHF1 Jack 50 Ohm PCB Surface Mount



TE Part # CONMHF1-SMD-T  
U.FL/MHF1 Jack 50 Ohm PCB Surface Mount



TE Part # CONUFL001-SMD  
Conn UFL MHF Straight PCB Mount Jack



TE Part # CONUFL001-SMD-T  
U.FL/MHF1 Jack 50 Ohm PCB Surface Mount

## Customers Also Bought



TE Part # M5600-000005-300PG  
PRESS XDCR M5600-000005-300PG



TE Part # 4-2176238-9  
CPF A 0805 10K 0.1% 25PPM 5K RL



TE Part # 5068832008  
TPEN-NR9-0-STK



TE Part # L9000107-01  
Antenna WRT Dome Mon 2.4GHz  
RG174 UFL



TE Part # CONSMA007-R58  
SMA Plug 50 Ohm Cable Crimp




TE Part # FG8963  
OMNI,FG,896-940MHz, 918,3dBi



TE Part # FTRA6971M5PB-001  
OMNI,Ph,PMT,698-7125MHz



TE Part # FTRA6971M5PW-001  
OMNI,Ph,PMT,698-7125MHz



TE Part # 3742614654  
Speed sen DSD 1615.71 PHW-F125G



TE Part # 1106425-3  
HIPK6/16.STO.1.M32G

## Documents

### Product Drawings

SMA to U.FL/MHF1 300mm 1.13 OD

English

### Datasheets & Catalog Pages

CABLE ASSEMBLY, U.FL TO FEM BLKHD SMA, 1.13mm CBL

English