



TE Internal #: 2016682-2  
SMA Bulkhead to UMCC Cable Assembly, .1 m [.33 ft], Black Cable,  
0 – 9 GHz, 50 ohm, FEP Jacket, 1.13 mm [.044 in] Diameter, SMA  
Jack End A  
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Cable Assemblies > RF Cable Assemblies



Cable Assembly Type: **SMA Bulkhead to UMCC**  
Cable Assembly Length: **.1 m [.33 ft]**  
Cable Color: **Black**  
Operating Frequency: **0 – 9 GHz**  
Impedance: **50  $\Omega$**

Features

Product Type Features

|                        |                      |
|------------------------|----------------------|
| Cable Assembly Type    | SMA Bulkhead to UMCC |
| Cable Assembly (End A) | SMA Jack             |
| Cable Assembly (End B) | UMCC GEN 1 Plug      |
| Coax Cable Type        | 1.13mm               |

Other

|                       |                           |
|-----------------------|---------------------------|
| Cable Assembly Length | .1 m[.33 ft]              |
| EU RoHS Compliance    | Compliant with Exemptions |
| EU ELV Compliance     | Compliant with Exemptions |

Body Features

|                 |       |
|-----------------|-------|
| Cable Color     | Black |
| Jacket Material | FEP   |

Operation/Application

|                     |           |
|---------------------|-----------|
| Operating Frequency | 0 – 9 GHz |
|---------------------|-----------|

Electrical Characteristics

|  |  |
|--|--|
|  |  |
|--|--|



|           |      |
|-----------|------|
| Impedance | 50 Ω |
|-----------|------|

Dimensions

|                        |                  |
|------------------------|------------------|
| Outside Cable Diameter | 1.13 mm[.044 in] |
|------------------------|------------------|

Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -45 – 85 °C[-49 – 185 °F] |
|-----------------------------|---------------------------|

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 with Exemptions                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>SVHC > Threshold:<br>Pb (3.52% in Component Part)<br><b>Article Safe Usage Statements:</b><br>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                                                                                                                                                                                                                                                                                                                                      |
| 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



|                                                                                                                                                             |                                                                                                                                                            |                                                                                                                                                                  |                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 2195889-2<br/>External Ant, SMA, 600-6000MHz</p>             |  <p>TE Part # 2108940-2<br/>Terminal Ant,RP-SMA,LTE,GNSS,698-2700MHz</p> |  <p>TE Part # 1909763-1<br/>UMCC MICRO-COAX RECPT GEN 1 HIGHER LEVEL</p>      |  <p>TE Part # 2195890-1<br/>LTE Terminal Antenna</p>                    |
|  <p>TE Part # 2337019-1<br/>UMCC Micro-Coax receptacle, Gen 1</p>         |  <p>TE Part # 2108940-1<br/>Terminal Ant, SMA, LTE,GNSS,698-2700MHz</p> |  <p>TE Part # 2195891-1<br/>Ext Antenna,SMA,active,GNSS,1558-1615MHz</p>     |  <p>TE Part # 2195892-1<br/>External Ant., SMA, 423-443MHz</p>         |
|  <p>TE Part # 1052066-1<br/>2037 5006 00,SMA RA CABLE PLUG</p>           |  <p>TE Part # 1050547-1<br/>2001 5032 00</p>                           |  <p>TE Part # 2487805-1<br/>WHIP ANT, SMA-RIGHT ANGLE, 617-5000MHz</p>      |  <p>TE Part # 2108936-1<br/>Terminal Antenna, SMA, WLAN Dual Band</p> |
|  <p>TE Part # 2108936-2<br/>Terminal Antenna, RP SMA, WLAN Dual Band</p> |  <p>TE Part # 2195892-2<br/>External Ant., SMA, 423-443MHz</p>         |  <p>TE Part # 2195889-1<br/>Terminal Ant, 5G, SMA, 600-6000MHz</p>          |  <p>TE Part # 1053635-1<br/>2081 0000 02</p>                          |
|  <p>TE Part # 2108923-1<br/>External Ant., SMA, Wi-Fi 6E(Black)</p>      |  <p>TE Part # 1052075-1<br/>2037 5008 00,SMA RA CABLE PLUG</p>         |  <p>TE Part # 2108855-1<br/>Active ant.,SMA,5m,L1+G1 &amp; L2+L5+E5b+G2</p> |  <p>TE Part # 2195632-1<br/>EXTERNAL DUAL BAND GSM ANTENNA</p>        |

Customers Also Bought





TE Part #4-794627-2  
12P MICRO MNL ASSY,RA,SMT,LF



TE Part #3-794627-6  
06P MICRO MNL ASSY,RA ,SMT, LF



TE Part #4-794627-6  
16P MICRO MNL ASSY,RA,SMT,LF



TE Part #2016693-2  
RF CA,UMCC1 TO RPSMA JACK,1.13 MM,L100MM



TE Part #3-2213678-3  
Z35 MINI LED HOLDER 12\*15MM PANHEAD



TE Part #796521-2  
V.35,PIN ASY,RA,34P LF



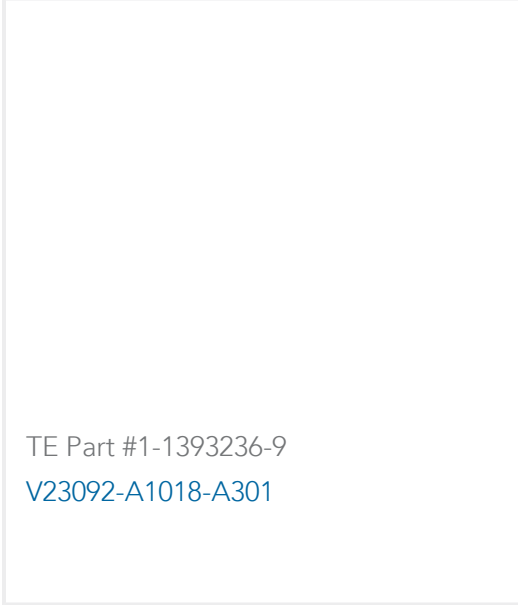
TE Part #1337810-1  
50 OHM COAX SMA STR PLUG ELB P



TE Part #3-1393303-4  
V23134B1052C642-EV-CBOX



TE Part #1-2016698-2  
RF CA,UMCC GEN4-GEN4,1.13MM CABLE,L100MM



TE Part #1-1393236-9  
V23092-A1018-A301

Documents

Product Drawings  
RF CA,UMCC1 TO SMA JACK,1.13MM,L100MM  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_2016682-2\_A.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2016682-2\_A.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2016682-2\_A.3d\_stp.zip  
English

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Product Specifications



English