



TE Internal #: 1059731-1

Between Series Adapters, Side A Interface OSP, Side A Gender Jack, Side B Interface OSM, Side B Gender Jack, 50 Ω, Wire-to-Wire, 1 Position

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Connectors > RF Coax Connectors > RF Adapters > Between Series Adapters



Side A Interface: **OSP**

Side A Gender: **Jack**

Side B Interface: **OSM**

Side B Gender: **Jack**

Impedance: **50 Ω**

Features

Product Type Features

Side A Interface	OSP
Side A Gender	Jack
Side B Interface	OSM
Side B Gender	Jack
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
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Electrical Characteristics

Impedance	50 Ω
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Signal Characteristics

Frequency	18 GHz
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Body Features

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Body Material	Stainless Steel
Body Style	Straight
Material	Stainless Steel

Contact Features

RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Mechanical Attachment

Connector Mounting Type	Bulkhead
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Usage Conditions

Operating Temperature Range	-65 – 165 °C[-85 – 329 °F]
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Operation/Application

Circuit Application	Power & Signal
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Other

Dielectric Material	PTFE Fluorocarbon
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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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (.6% 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
Solder Process Capability	Not applicable 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>

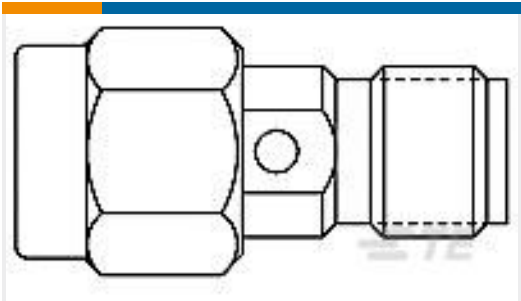
Compatible Parts

 TE Part # 1-2016656-0 SMA M DOUBLE,18G,1.0M WITH ARMOR,PUR	 TE Part # 1-2016703-0 N M TO SMA M,18G,1.0M WITH ARMOR	 TE Part # 1-2016655-0 SMA,MALE-MALE,18G,L1000, WITHOUT ARMOR	 TE Part # 1-2016662-0 2.92,M,BOTH END,WITH ARMOR CABLE,40GHZ
 TE Part # 1-2016663-0 3.5 M DOUBLE,26.5G,1.0M,WITH ARMOR,BRAID	 TE Part # 1-2016655-5 SMA M DOUBLE,18G,1.5M WITHOUT ARMOR	 TE Part # 1-2016656-5 SMA M DOUBLE,18G,1.5M WITH ARMOR,PUR	 TE Part # 1-2016663-5 3.5 M DOUBLE,26.5G,1.5M,WITH ARMOR,BRAID
 TE Part # 1-2016703-5 N M TO SMA M,18G,1.5M WITH ARMOR	 TE Part # 2016655-6 SMA M DOUBLE,18G,0.6M WITHOUT ARMOR	 TE Part # 2016656-6 SMA M DOUBLE,18G,0.6M WITH ARMOR,PUR	 TE Part # 2016663-6 3.5 M DOUBLE,26.5G,0.6M,WITH ARMOR,BRAID
 TE Part # 2016703-6 N M TO SMA M,18G,0.6M WITH ARMOR			

Customers Also Bought



TE Part #1055070-1
2088 1230 02



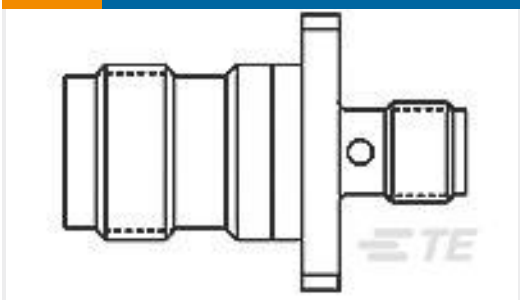
TE Part #1054426-1
2082 5133 02



TE Part #1054869-1
2084 0000 02



TE Part #1052902-1
2052 5674 02



TE Part #1057841-1
3180 2242 00



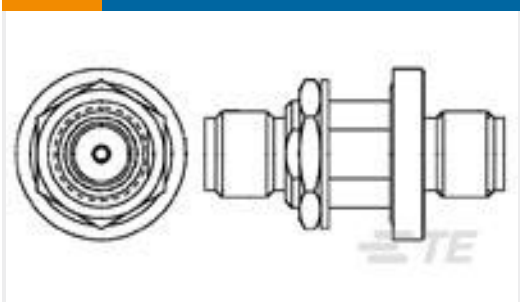
TE Part #1059404-1
4503 7985 00,OSP CABLE PLUG



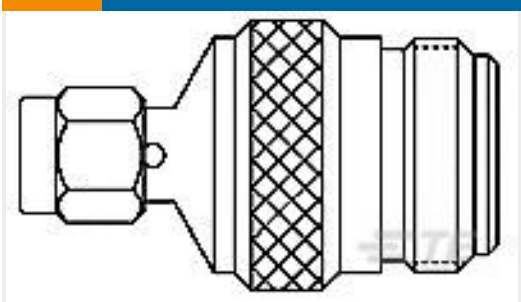
TE Part #YDTS26W21-41PNV001
D38999: Straight Plug, 21-41 Insert



TE Part #1052901-1
2052 5674 00



TE Part #1054875-1
2084 1100 02



TE Part #1057381-1
3082 2241 00

Documents

Product Drawings

4584 2242 02

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1059731-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_1059731-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_1059731-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages



RF Between Series Adapters

English