

ADP-SMAF-SMBF-G

✓ ACTIVE

TE Internal #: ADP-SMAF-SMBF-G
Between Series Adapter, Straight, SMA Side A, Jack Side A, SMB
Side B, Jack Side B, 1 Position
[View on TE.com >](#)



Connectors > Connector Accessories > Connector Adapters & Connector Savers



Connector Interface Adapter Type: **Between Series Adapter**
Body Orientation: **Straight**
Side A Interface: **SMA**
Side A Gender: **Jack**
Side B Interface: **SMB**

Features

Product Type Features

Connector Interface Adapter Type	Between Series Adapter
Side A Interface	SMA
Side A Gender	Jack
Side B Interface	SMB
Side B Gender	Jack

Configuration Features

Number of Positions	1
---------------------	---

Electrical Characteristics

Impedance	50 Ω
-----------	------

Body Features

Body Plating Material	Nickel
Body Material	Brass

Contact Features

RF Connector Center Contact Material	Beryllium Copper
RF Connector Center Contact Plating Material	Gold (Au)

Housing Features

Body Orientation	Straight
------------------	----------

Usage Conditions



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

Operation/Application

Operating Frequency Range	0 – 4 GHz
---------------------------	-----------

Other

Dielectric Material	Polytetrafluoroethylene (PTFE)
---------------------	--------------------------------

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

ADP-SMAF-SMBF-G

Between Series Adapter, Straight, SMA Side A, Jack Side A, SMB Side B, Jack Side B,
1 Position





TE Part # CONSMA007-G
[SMA Plug 50 Ohm Cable Crimp](#)



TE Part # CONSMA011-G
[SMA Jack 50 Ohm Cable Crimp](#)



TE Part # CONSMA007-R58
[SMA Plug 50 Ohm Cable Crimp](#)



TE Part # CONSMA007-R178
[SMA Plug 50 Ohm Cable Crimp](#)

Customers Also Bought



TE Part #ANT-GNCP-C25L12100
[Antenna GNSS L1L2 25x25 LNA 1.13 UFL](#)



TE Part #ADP-SMAM-SMBF-G
[SMA Plug to SMB Jack](#)



TE Part #ADP-SMAF-SMBM-G
[SMA Jack to SMB Plug](#)



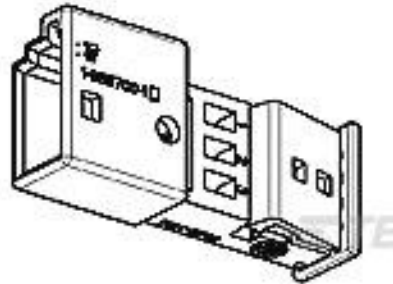
TE Part #ADP-NF-NF-B-W
[N Type Jack to N Type Jack Bulkhead](#)



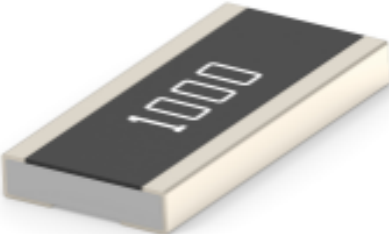
TE Part #CONSMB001-SMD-G
[SMB Jack 50 Ohm PCB Surface Mount](#)



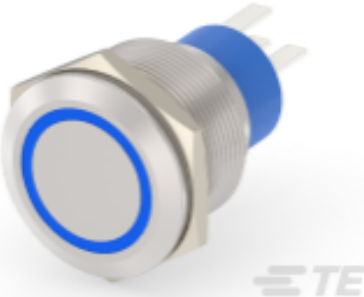
TE Part #ADP-SMAM-SMBM-G
[SMA Plug to SMB Plug](#)



TE Part #2-968700-1
[3POS MQS TAB COD B](#)



TE Part #1-2176562-3
[3430 H2 1% 3R0 150ppm 1k RL](#)



TE Part #1-2213772-7
[AV22 SPM 3A MOVE RING LED BLUE 12V](#)



TE Part #2-6609940-0
[PM0SXDHXB=C3334](#)

Documents

Product Drawings

[SMA Jack to SMB Jack](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_ADP-SMAF-SMBF-G_A1.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_ADP-SMAF-SMBF-G_A1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_ADP-SMAF-SMBF-G_A1.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SMA Jack to SMB Jack Adapter](#)

English