



Connectors > RF Coax Connectors > RF Connectors



RF Interface: **SSMA**  
RF Connector Style: **Plug**  
RF Connector Mated Outer Diameter (Approximate): **7.24 mm [ .285 in ]**  
Impedance: **50 Ω**  
Compatible With RF Cable Type: **RG 178, RG 196**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SSMA
RF Connector Style	Plug
Compatible With RF Cable Type	RG 178, RG 196
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector Seal Type	Interfacial Seal

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Cable Connector Orientation	Right Angle
Body Material	Stainless Steel
Body Material Finish	Plated
Body Plating Material	Gold

Contact Features



RF Connector Center Contact Underplating Material	Copper
Ferrule Plating Material	Gold
Ferrule Material	Copper Alloy
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Mechanical

Dimensions

RF Connector Mated Outer Diameter (Approximate)	7.24 mm[.285 in]
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Usage Conditions

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

Operating Frequency	18 GHz
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Packaging Features

Packaging Method	Package
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Other

Comment	Captured Center Contact
Coupling Nut Plating Material	Gold
Gasket Material	Silicone Rubber
Coupling Nut Base Material	Stainless Steel
Additional Features	Shrink Tubing
Dielectric Material	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	Compliant with Exemptions
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 2022 (224) Candidate List Declared Against: JAN 2018 (181) Does not contain REACH SVHC
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 # 1045672-1  
[1062 0000 00](#)

Also in the Series | AMP SSMA

[In-Series Adapters\(5\)](#)

[RF Connectors\(39\)](#)

Documents

Product Drawings



SSMA R/A Cable Plug 1037 5001 00

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1045507-1\_F.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1045507-1\_F.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1045507-1\_F.3d\_stp.zip

English

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

Datasheets & Catalog Pages

Products for Aerospace and Defense

English

Instruction Sheets

Instruction Sheet (U.S.)

English

OSSM Right Angle Cable Plug Solder Attachment 1045507-1 and 1045508-1

English