



Connectors > RF Connectors > Coax Connectors



RF Interface: **SMA**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **6.35 mm [.25 in]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 402 Semi-Rigid**

Features

Product Type Features

Connector Seal & Plug Type	Gasket
Connector Product Type	Housing
RF Interface	SMA
RF Connector Style	Plug
Compatible With RF Cable Type	RG 402 Semi-Rigid
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

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	Straight
Body Material	Stainless Steel
Body Plating Material	Gold

Termination Features

Termination Method to Wire & Cable	Solder
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Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

Product Length	11.2 mm[.442 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]

Operation/Application

Operating Frequency	18 GHz
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Packaging Features

Packaging Method	Package
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Other

Coupling Nut Base Material	Stainless Steel
Coupling Nut Plating Material	Gold over Nickel
Gasket Material	Silicone Rubber
Dielectric Material	TFE Fluorocarbon

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
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: JAN 2025 (247) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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



Documents

Product Drawings

2001 5025 00

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1050536-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1050536-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1050536-1_A.3d_stp.zip

English

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

Instruction Sheets

Instruction Sheet (U.S.)

English

OSM Straight Cable Plug Retractable Coupling Nut Direct Solder Attachment 1050537-1, 1050559-1, 1050560-1, 1045437-1, 1050422-1, 1050536-1, and 1050537-1

English