



Connectors > RF Coax Connectors > RF Connectors



RF Interface: **N Type**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **19.05 mm [.75 in]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 142, RG 223, RG 400, RG 55U**

Features

Product Type Features

RF Interface	N Type
RF Connector Style	Plug
Compatible With RF Cable Type	RG 142, RG 223, RG 400, RG 55U
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector Seal Type	Gasket

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	Brass



Body Material Finish	Plated
Body Plating Material	Nickel

Contact Features

RF Connector Contact Configuration	Captivated Contacts
Ferrule Plating Material	Gold
Crimp Type	Compression
Ferrule Material	Copper Alloy
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Detent	Without

Dimensions

RF Connector Mated Outer Diameter (Approximate)	19.05 mm[.75 in]
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Usage Conditions

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

Operating Frequency	11 GHz
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Packaging Features

Packaging Method	Carton
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Other

Grade	Commercial
Gasket Material	Silicone Rubber
Coupling Nut Base Material	Brass
Additional Features	Shrink Tubing
Dielectric Material	TFE Fluorocarbon

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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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: JUN 2020 (209) SVHC > Threshold: Pb (3.7% 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 # 1057341-1 3080 2240 00	 TE Part # 1057343-1 3080 2242 00	 TE Part # 1057463-1 3084 2240 00	 TE Part # 1-5225661-2 SERIES N PLUG TR
 TE Part # 1057159-1 3004 7941 00	 TE Part # 1057290-1 3052 1201 10,N SERIES FM PLUG	 TE Part # 1057293-1 3052 1648 10	 TE Part # 1057377-1 3082 2240 00,ADAPTER,N TO SMA





TE Part # 1057841-1
3180 2242 00



TE Part # 1058653-1
3680 2242 00



TE Part # 5225664-2
N SERIES JACK W/P TR



TE Part # 1058675-1
3684 2240 00

Customers Also Bought



TE Part #1658527-7
622-1641LF FEM SOCKET,LEAD FREE



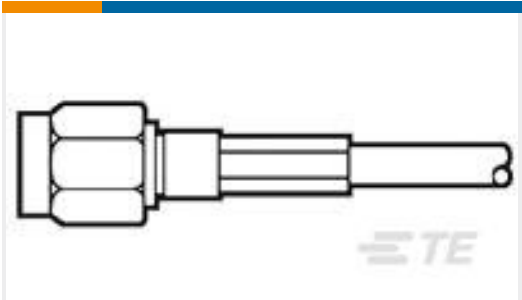
TE Part #1051151-1
2007 7941 02,SMA RA CABLE PLUG



TE Part #1051638-1
2031 5002 00



TE Part #1056447-1
2834 7341 02



TE Part #1051651-1
2031 5005 02



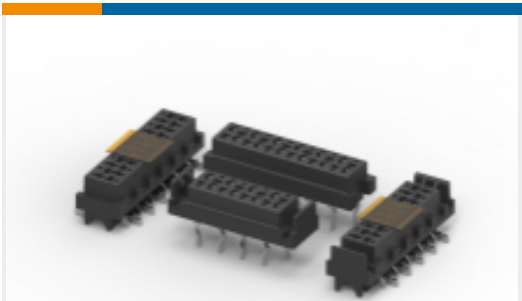
TE Part #YDTS26W13-98PNV001
D38999: Straight Plug, 13-98 Insert



TE Part #1051157-1
2007 7985 02,SMA RA CABLE PLUG



TE Part #1052072-1
2037 5007 02,OSM RA CABLE PLUG



TE Part #2178710-6
FEMALE-ON-BOARD CON TOP ENTRY VALUE-LINE



TE Part #2178712-6
MALE-ON-WIRE CONNECTOR VALUE-LINE

Documents

Product Drawings

3031 7341 10

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1057243-1_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1057243-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1057243-1_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