



Connectors > RF Coax Connectors > RF Connectors



RF Interface: **TNC**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **16.26 mm [.64 in]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 141, RG 142, RG 303, RG 400, RG 58**

Features

Product Type Features

RF Interface	TNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 141, RG 142, RG 303, RG 400, RG 58
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Impedance	50 Ω
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Body Features

Cable Connector Orientation	Straight
Body Material	Brass/Beryllium Copper
Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Nickel
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Wire & Cable	Solder
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Dimensions

Conductor Outside Diameter	1.27 mm[.05 in]
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Dielectric Outside Diameter (Max)	3 mm[.118 in]
Shield Outside Diameter (Min)	2.1 – 5 mm[.083 – .197 in]
RF Connector Mated Outer Diameter (Approximate)	16.26 mm[.64 in]

Packaging Features

Packaging Method	Package
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Other

Coupling Nut Base Material	Brass
Dielectric Material	PTFE

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
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 (37% in Solder) 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	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 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 # CJ2087-000
HL2010E-KIT-120V

Also in the Series | Raychem RTD



Automotive Headers(1)



RF Connectors(31)



RTD Probes & Assemblies(2)

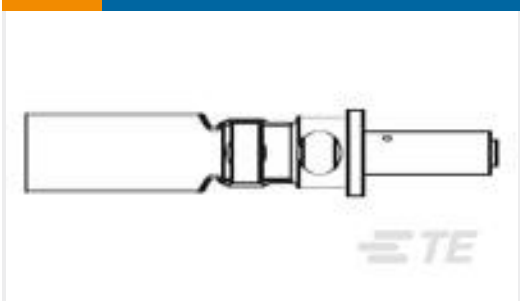


Standard Labels(17)

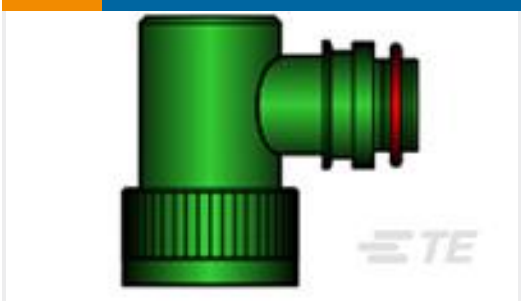


Wire-to-Board Connector Contacts(1)

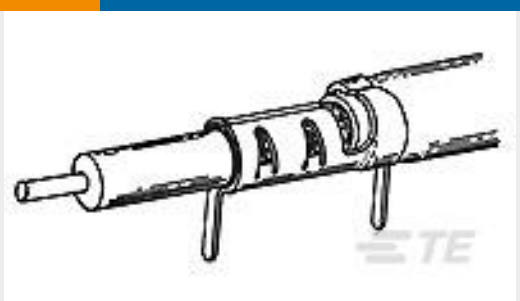
Customers Also Bought



TE Part #165805-000
D-602-0144



TE Part #292145-000
TXR54AB90-1407AI



TE Part #226176-4
COAXIAL R.F. PCB TERMINATION



TE Part #ZPF000000000015204
DMC-M 04-12 PNE



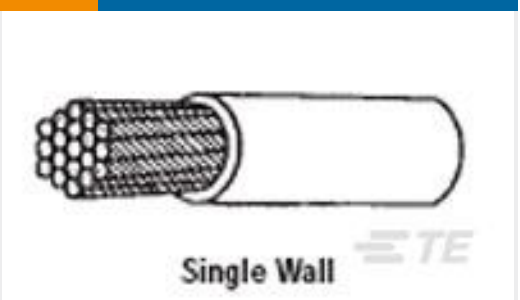
TE Part #223723-000
RTD-50-L-01



TE Part #323783-000
RTD-50-L-00



TE Part #110931-000
55PC0211-18-9



TE Part #196939-000
82A0111-28-6



Documents

Product Drawings

RTD-50-M-00

English

Datasheets & Catalog Pages

1654025_Sec8_BNC_TNC

English

Harness Repair Products Quick Reference Guide

English

Product Specifications

Installation Procedure for RF-One Step BNC and TNC Connector

English