



Connectors > RF & Coax Connectors > RF Connectors

RF Interface: **TNC**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **16.256 mm [ .64 in ]**

Impedance: **75 Ω**

Cable Type: **RG 187**

## Features

### Product Type Features

RF Interface	TNC
RF Connector Style	Jack
Connector & Contact Terminates To	Wire & Cable

### Electrical Characteristics

Impedance	75 Ω
-----------	------

### Body Features

Cable Connector Orientation	Straight
Body Material	Brass
Body Plating Material	Nickel

### Contact Features

RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

### Termination Features

Termination Method to Wire & Cable	Solder
------------------------------------	--------

### Mechanical Attachment

PCB Mount Retention	Without
---------------------	---------

### Dimensions

Conductor Outside Diameter	1.27 mm[.05 in]
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)	16.256 mm[.64 in]

### Usage Conditions

Cable Type	RG 187
------------	--------

### Packaging Features

Packaging Method	Box
------------------	-----

### Other

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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
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 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



TE Part # CJ2087-000  
HL2010E-KIT-120V

### Also in the Series | Raychem RTD



RF Connector Hardware(1)

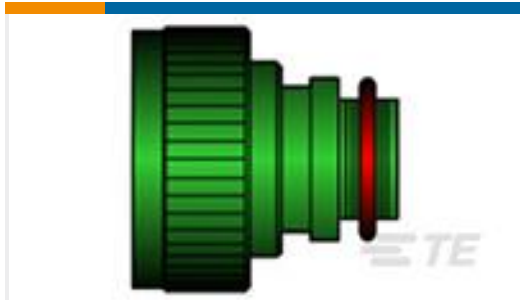


RF Connectors(48)

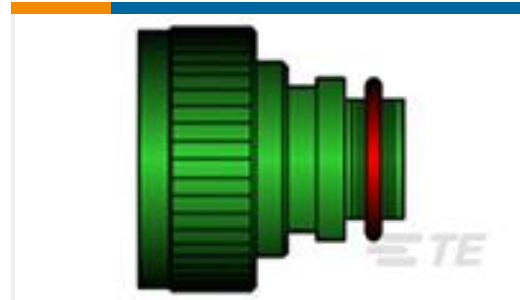


Standard Labels(17)

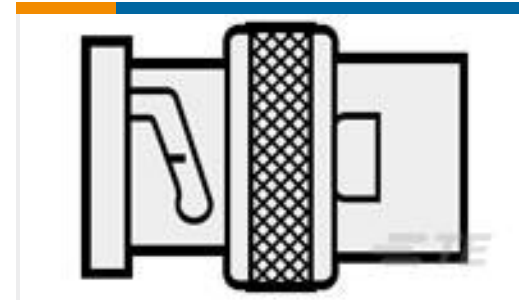
### Customers Also Bought



TE Part #412750-000  
TXR40AB00-2010AI



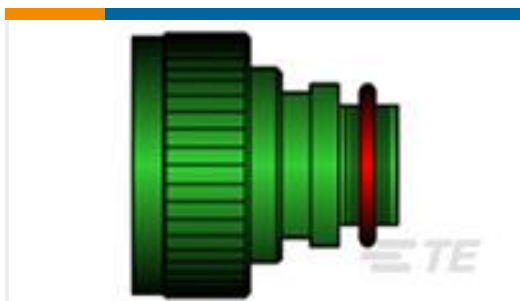
TE Part #293973-000  
TXR40AB00-1612AI



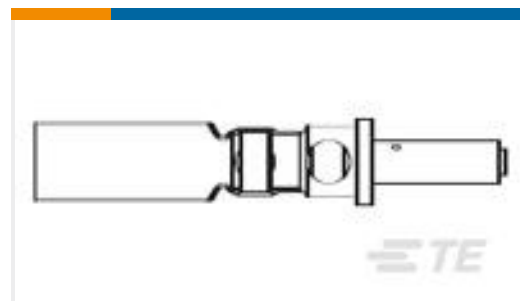
TE Part #900469-000  
RBD-50-M-00



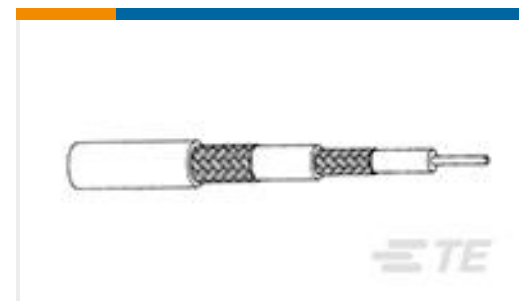
TE Part #668131-000  
RTD-50-M-00



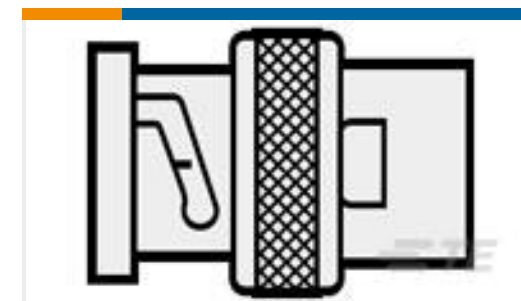
TE Part #658819-000  
TXR40AB00-1006AI



TE Part #165805-000  
D-602-0144



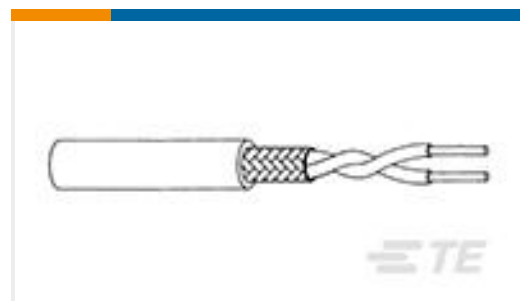
TE Part #430079-000  
7528A5314-0



TE Part #918455-000  
RBD-75-S-00



TE Part #440063-007  
7528A1317-0



TE Part #4451903001  
0024A0311-0



## Documents

### Product Drawings

[RTD-75-M-03](#)

English

---

### Datasheets & Catalog Pages

[1654025\\_Sec8\\_BNC\\_TNC](#)

English

---

### Product Specifications

[Installation Procedure for RF-One Step BNC and TNC Connector](#)

English

---

### Product Environmental Compliance

[REACH Substance Communication Document](#)

English