



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 142, RG 142A, RG 142B**

Features

Product Type Features

Connector Shape	Circular
RF Interface	TNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 142, RG 142A, RG 142B
Connector System	Cable-to-Cable
Sealable	No
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	Right Angle
Body Material	Brass
Body Material Finish	Plated

Body Plating Material	Silver
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Contact Features

RF Connector Center Contact Underplating Material	Copper, Nickel
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Crimp Type	Dual
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RF Connector Center Contact Plating Material	Gold
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RF Connector Center Contact Material	Beryllium Copper
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

RF Connector Coupling Mechanism	Snap-On
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RF Contact Captivation Method	Mechanical
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Detent	Without
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Dimensions

RF Connector Mated Outer Diameter (Approximate)	16.26 mm [.64 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	Military
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Dielectric Material	PTFE
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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
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224)
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Candidate List Declared Against: JAN 2021
(211)

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 # CAT-076-TNCM50
TNC Connector: Jack, 50 Ohm



TE Part # CAT-076-TNCF50
TNC Connector: Plug, 50 Ohm



TE Part # 1057780-1
3152 1201 10, TNC FLANGE JACK



TE Part # 5228686-1
TWIN BNC PCB RCPT



TE Part # 5225555-5
TNC PLUG DUAL W/P TR



TE Part # 225555-6
TNC PLUG DUAL W/P TR



TE Part # 1-225554-1
TNC-DUAL CMP R/ANGLE PLUG-W/P



TE Part # 5225555-6
TNC PLUG DUAL W/P TR



Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_225554-6_P.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_225554-6_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_225554-6_P.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English