



Connectors > RF Connectors > Coax Connectors > TNC Connector: Plug, 50 Ohm



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 58, RG 58A, RG 58B, RG 58C**

[All TNC Connector: Plug, 50 Ohm \(0\)](#)

Features

Product Type Features

RF Interface	TNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 58, RG 58A, RG 58B, RG 58C
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	Straight
Body Material	Brass
Body Material Finish	Plated
Body Plating Material	Nickel

Contact Features

Crimp Type	Dual Crimp
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RF Connector Center Contact Underplating Material	Nickel
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Dimensions

RF Connector Mated Outer Diameter (Approximate)	16.26 mm[.64 in]
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Operation/Application

Operating Frequency	7 GHz
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Packaging Features

Packaging Method	Box
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Other

Grade	Commercial
Dielectric Material	Polyethylene

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	Not Yet Reviewed
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: JAN 2018 (181) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
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>

Customers Also Bought

TE Part #3-640441-3
03P MTA100 CONN ASSY WHT

TE Part #640454-3
03P MTA100 HDR ASSY SQ STR POL

Documents

Product Drawings

PLUG,COML TNC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-227000-4_AL.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-227000-4_AL.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-227000-4_AL.3d_stp.zip

English

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

Product Specifications

Connector, TNC Series, Coaxial, Commercial

English

Product Specification

English



Instruction Sheets

Instruction Sheet (U.S.)

English

COAXICON 50-Ohm TNC Commercial Plug Connectors 227000-() (Dual Crimp Type)

English

Instruction Sheet (U.S.)

English

COMMERCIAL TNC COAXIAL CONNECTOR

English