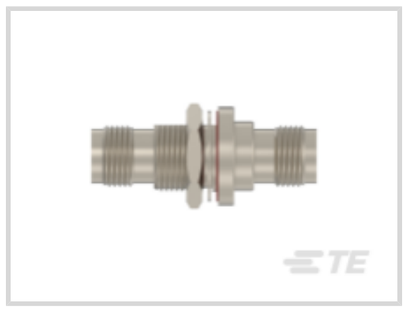
2502019-1 ✔ ACTIVE

TE Internal #: 2502019-1

In-Series Adapter, Straight, TNC Side A, Jack Side A, TNC Side B, Jack Side B, 2 Position

View on TE.com >

Connectors > Connector Accessories > Connector Adapters & Connector Savers


Connector Interface Adapter Type: **In-Series Adapter**

Body Orientation: **Straight**

Side A Interface: **TNC**

Side A Gender: **Jack**

Side B Interface: **TNC**

Features

Product Type Features

Connector Interface Adapter Type	In-Series Adapter
Side A Interface	TNC
Side A Gender	Jack
Side B Interface	TNC
Side B Gender	Jack
Connector System	Cable-to-Cable
Sealable	Yes

Configuration Features

Number of Positions	2

Electrical Characteristics

Impedance	50 Ω

Body Features

Hermetically Sealed	No
Body Plating Material	Nickel over Copper
Body Material	Brass

Seal Material	Silicone Rubber

Contact Features

RF Connector Center Contact Material	Phosphor Bronze
RF Connector Center Contact Plating Material	Gold over Nickel over Copper
Contact Base Material	Phosphor Bronze

Mechanical Attachment

Panel Mount Feature Type	D-Hole (Jam Nut)
RF Contact Captivation Method	Mechanical
Panel Attachment Style	Front Mount
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Body Orientation	Straight

Dimensions

Product Length	39.6 mm[1.559 in]
Panel Thickness (Recommended)	1 – 2 mm[.039 – .079 in]

Usage Conditions

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

Operation/Application

Operating Frequency	0 – 11 GHz
Circuit Application	Power & Signal

Packaging Features

Packaging Method	Bag/Box

Other

Grade	Commercial
Dielectric Material	PTFE

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
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 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (3.8% 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 reviewed for solder process capability

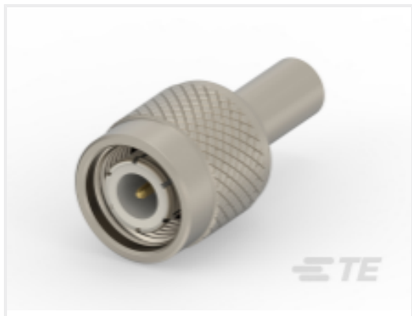
Product Compliance Disclaimer

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 # 2501422-1
TNC Plug Str Crimp RG-58, 141, LMR-195

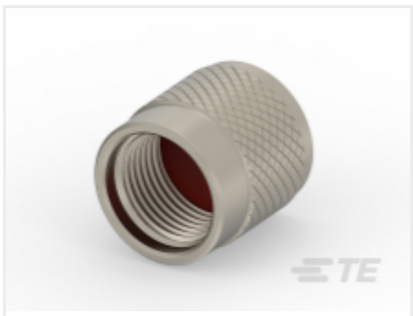
TE Part # 2501424-1
TNC Plug RA Crimp RG-55, 142, 223, 400



TE Part # 2501428-1
TNC Plug Str Crimp RG-55, 142, 223, 400

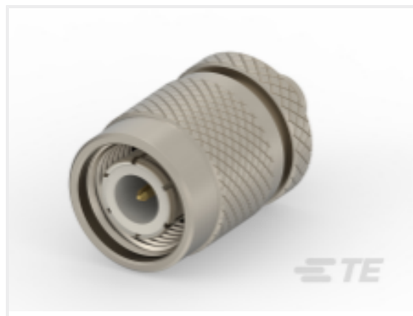
TE Part # 2501431-1
TNC Plug Str Crimp LMR-240, RG-8/X

TE Part # 2501425-1
TNC Plug Str Crimp LMR-240 White Bronze



TE Part # 2501432-1
TNC Plug Protection Cap

TE Part # 2501430-1
TNC Plug RA Crimp RG-58, 141, LMR-195



TE Part # 2501433-1
TNC Plug to SMA Jack Str 50 Ohm

Documents

Product Drawings

TNC Jack to Jack Str Bulkhead 50 Ohm

English

CAD Files

Customer View Model

ENG_CVM_CVM_2502019-1_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2502019-1_1.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2502019-1_1.3d_igs.zip

English

Product Specifications

Product Specification

English