



N Type

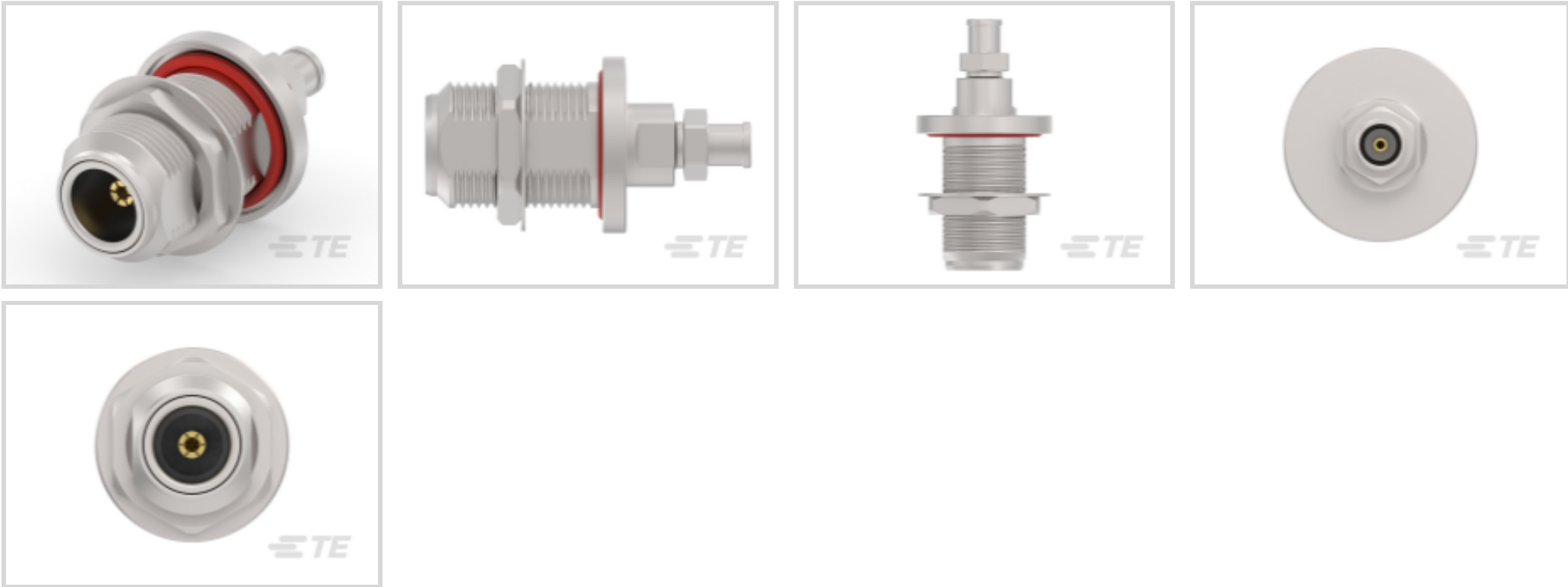
TE Internal #: 2486510-1

N Type Connector, Jack, 50 ohm, 402 Semi-Rigid/.141 [3.58]

Compatible With RF Cable Type, Threaded, 18 GHz, Cable-to-Cable, 1 Position, N Type

[View on TE.com >](#)

Connectors > RF Connectors > Coax Connectors



RF Interface: **N Type**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **15.5 mm [.61 in]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **402 Semi-Rigid/.141 [3.58]**

Features

Product Type Features

RF Interface	N Type
RF Connector Style	Jack
Compatible With RF Cable Type	402 Semi-Rigid/.141 [3.58]
Connector System	Cable-to-Cable
Sealable	Yes
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

Body Material	Stainless Steel
Body Material Finish	Passivated



Contact Features

RF Connector Center Contact Plating Thickness	1.27 μm[50 μin]
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Solder
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Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Screw

Housing Features

Body Orientation	Straight
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Dimensions

RF Connector Mated Outer Diameter (Approximate)	15.5 mm[.61 in]
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Usage Conditions

Operating Temperature Range	-40 – 165 °C[-40 – 329 °F]
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Operation/Application

Operating Frequency Range	18 GHz
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Packaging Features

Packaging Method	Bag/Carton
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Other

Grade	Telecom
Dielectric Material	Polytetrafluoroethylene (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	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)



Candidate List Declared Against: JAN 2025 (247)

SVHC > Threshold:

Pb (4.35% in Component Part)

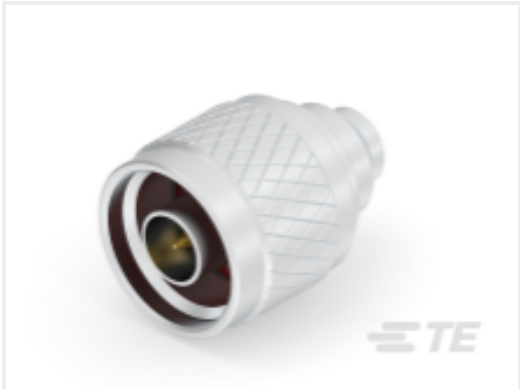
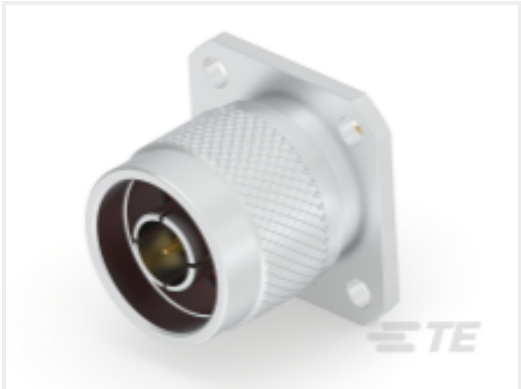
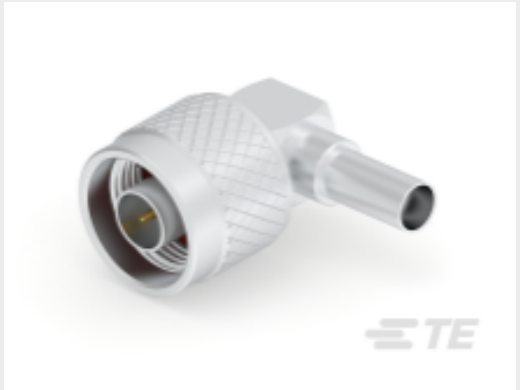
Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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

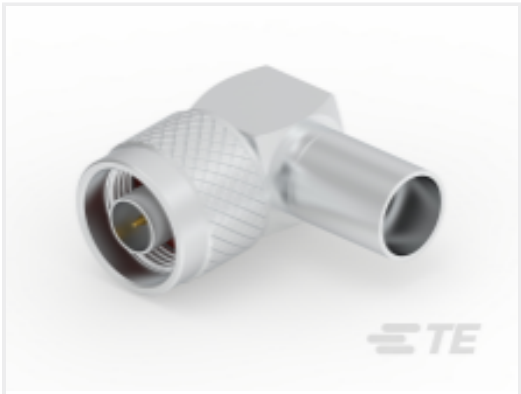
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

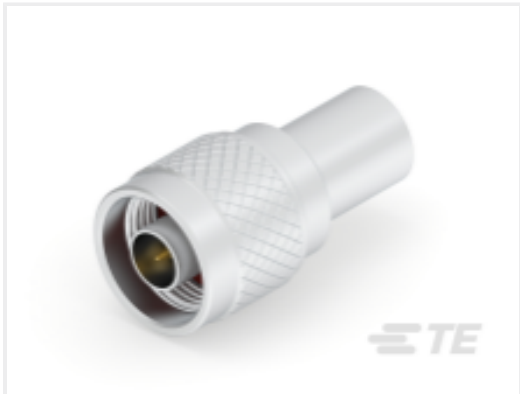
 TE Part # 2504638-1 N Plug Terminator White Bronze	 TE Part # 2504640-1 N Plug St 4-Hole Flange Receptacle WB	 TE Part # 2502467-1 N PLUG STR IP68 CRIMP LMR-400	 TE Part # 2502461-1 N Plug White Bronze IP68 Crimp LMR-400
 TE Part # 1-1478420-0 N Str Plg PS 50Ohm Silver Pltd PSF1 /4M,	 TE Part # 2502466-1 N PLUG STR IP68 CRIMP LMR-600	 TE Part # 2504639-1 N Plug RA Crimp RG-55, 142, 223, 400 W/B	 TE Part # 2504644-1 N Plug RA Crimp LMR-400 White Bronze



TE Part # CONN007-1-W
N Type Plug 50 Ohm Cable Crimp



TE Part # 2504636-1
N Plug RA Crimp RG-8, 213, 393 W/B



TE Part # 2504641-1
N Plug St Crimp RG-8, 213, 393 W/B



TE Part # 2504643-1
N Plug RA Crimp LMR-240 White Bronze



TE Part # 2502461-2
N Plug White Bronze IP68 Crimp LMR-400



TE Part # 2502466-2
N PLUG STR IP68 CRIMP LMR-600



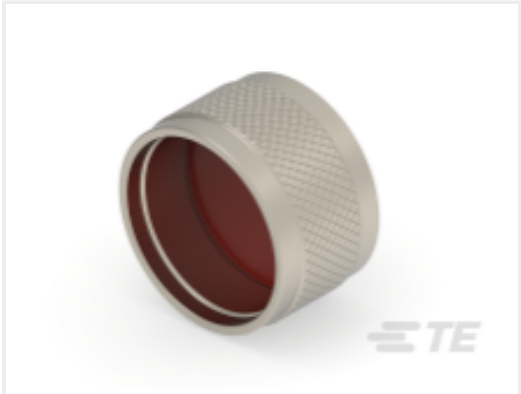
TE Part # 1-1337630-0
N Str Plg Hex 50Ohm Nickel Plt



TE Part # 2504634-1
N Plug Protection Cap with Chain 100 mm



TE Part # 2504642-1
N Plug St Crimp RG-55, 142, 223, 400 W/B



TE Part # 2504635-1
N Plug Protection Cap without Chain



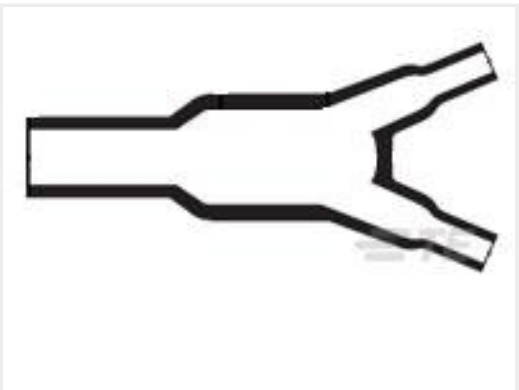
TE Part # 2502470-1
N Plug Str IP68 Crimp LMR-240-UF

Also in the Series | N Type



N Type RF Connectors(44)

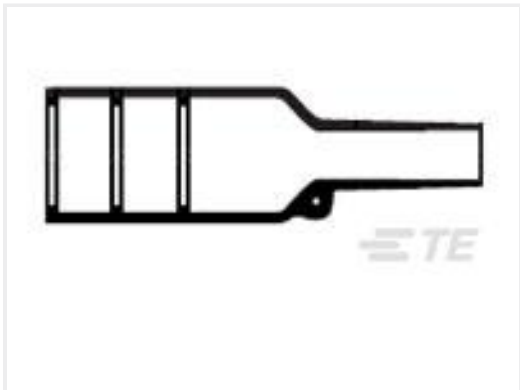
Customers Also Bought



TE Part #511608-000
382A034-25/225-0



TE Part #CAT-HST-RW175
RW-175 Heat Shrink Tubing



TE Part #481350-000
202K132-25/225-0



TE Part #CQ50303001
RAY-101-10.0(10)



Documents

Product Drawings

N Jack Str Bulkhead Solder .141 S/R 18G

English

CAD Files

Customer View Model

ENG_CVM_CVM_2486510-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2486510-1_A.3d_igs.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2486510-1_A.2d_dxf.zip

English

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

Datasheets & Catalog Pages

rf-connectors-product-refresh-phase-2

English

Product Specifications

Product Specification

English