



TE Internal #: 1-1478420-0

RF Connectors, N Type RF Interface, Plug, RF Connector Mated

Outer Diameter (Approximate) .75 in [19.05 mm], 50 Ω

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Connectors > RF Coax Connectors > RF Connectors



RF Interface: **N Type**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **19.05 mm [ .75 in ]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **PSF 1/4M, Raychem 5012A1422, Raychem 5012E1339, Raychem 5012E1632, Raychem EPD 29108Q, Raychem EPD 71535Q, RG 213, RG 8A, URM 67**

Features

Product Type Features

|                                   |                                                                                                                                  |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| RF Interface                      | N Type                                                                                                                           |
| RF Connector Style                | Plug                                                                                                                             |
| Compatible With RF Cable Type     | PSF 1/4M, Raychem 5012A1422, Raychem 5012E1339, Raychem 5012E1632, Raychem EPD 29108Q, Raychem EPD 71535Q, RG 213, RG 8A, URM 67 |
| Connector System                  | Cable-to-Cable                                                                                                                   |
| Sealable                          | Yes                                                                                                                              |
| Connector & Contact Terminates To | Wire & Cable                                                                                                                     |
| Connector Seal Type               | Gasket                                                                                                                           |

Configuration Features

|                            |   |
|----------------------------|---|
| Number of Positions        | 1 |
| Number of Coaxial Contacts | 1 |

Electrical Characteristics

|           |      |
|-----------|------|
| Impedance | 50 Ω |
|-----------|------|



Body Features

|                             |          |
|-----------------------------|----------|
| Cable Connector Orientation | Straight |
| Body Material               | Brass    |
| Body Plating Material       | Silver   |

Contact Features

|                                              |                     |
|----------------------------------------------|---------------------|
| RF Connector Contact Configuration           | Captivated Contacts |
| RF Connector Center Contact Plating Material | Silver              |
| RF Connector Center Contact Material         | Brass               |

Termination Features

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

Mechanical Attachment

|                                 |            |
|---------------------------------|------------|
| RF Connector Coupling Mechanism | Threaded   |
| RF Contact Captivation Method   | Mechanical |
| Detent                          | Without    |

Dimensions

|                                                 |                  |
|-------------------------------------------------|------------------|
| RF Connector Mated Outer Diameter (Approximate) | 19.05 mm[.75 in] |
|-------------------------------------------------|------------------|

Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -55 – 85 °C[-67 – 185 °F] |
|-----------------------------|---------------------------|

Operation/Application

|                     |        |
|---------------------|--------|
| Operating Frequency | 11 GHz |
|---------------------|--------|

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 50          |
| Packaging Method   | Loose Piece |

Other

|                            |                 |
|----------------------------|-----------------|
| Grade                      | Commercial      |
| Gasket Material            | Silicone Rubber |
| Coupling Nut Base Material | Brass           |
| 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                   | Compliant with Exemptions                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<br>SVHC > Threshold:<br>Pb (4% in Component Part)<br><b>Article Safe Usage Statements:</b><br>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 Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                                                                                                                                                                                                                                                                                                                        |
| Solder Process Capability                     | Wave solder capable to 265°C                                                                                                                                                                                                                                                                                                                                                                                               |

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 # 1057284-1  
3052 0000 10



TE Part # 1057290-1  
3052 1201 10,N SERIES FM PLUG



TE Part # 5225664-2  
N SERIES JACK W/P TR



TE Part # 1-1478213-0  
N RM BHJ Hex 50Ohm Silver Pltd PSF 1/4M,





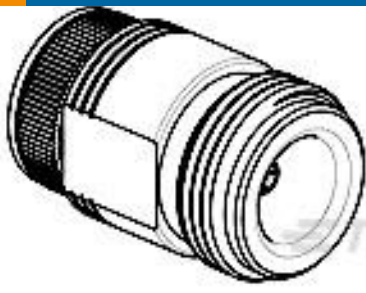
TE Part # 1-5225664-2  
N SER JACK W/P TR



TE Part # 225093-2  
N SER JACK WEATHERPROOF



TE Part # 225094-2  
N SER BHD JACK WEATHERPROOF

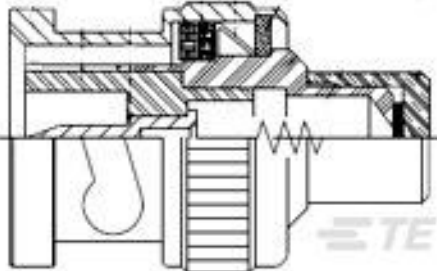


TE Part # 1460055-1  
N PRESS-FIT JACK

Customers Also Bought



TE Part #1-1337414-0  
N Str Jk Hex 50Ohm Silver Pltd PSF 1/4M,



TE Part #1-1337463-0  
BNC Plg Term 50Ohm Silver Pltd



TE Part #1-1337415-0  
N Str Plg Hex 50Ohm Silver Pltd RG9B/U,



TE Part #C12980-000  
RMW-115/34-1200/ADH-0



TE Part #1-1337418-0  
N Pnl Skt 50Ohm Silver Pltd



TE Part #1-1337567-0  
ISA Str Adp BNCJ-NP Nickel Pltd



TE Part #1-1337410-0  
N Str Plg Hex 50Ohm Silver Pltd PSF 1/4M



TE Part #1-1337474-0  
UHF Str Plg T-On Silver Pltd PSF 1/4M, R



TE Part #1-1337624-0  
N Str Adp JJ 50Ohm Nickel Pltd



TE Part #1-1478041-0  
BNC Str Adp JJ 75Ohm Silver Pltd

Documents

Product Drawings

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG\_CVM\_CVM\_1-1478420-0\_B.2d\_dxf.zip
- English
- Customer View Model



[ENG\\_CVM\\_CVM\\_1-1478420-0\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1478420-0\\_B.3d\\_stp.zip](#)

English

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

Product Specifications

[Product Specification](#)

English

Instruction Sheets

[GREENPAR RF CONNECTOR CABLE ASSEMBLY INSTRUCTION SHEET](#)

English

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

English