

N Str Plg PS 50Ohm Silver Pltd RG9B/U, 2

✓ ACTIVE

STA

TE Part # 1-1478421-0

TE Internal #: 1-1478421-0

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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**

Cable Type: **Raychem 5012A3422, Raychem 5012F3332, Raychem 5012F3832, Raychem 5012M3612, RG 214, RG 9B, URM 91**

Features

Product Type Features

|                                   |                |
|-----------------------------------|----------------|
| RF Interface                      | N Type         |
| RF Connector Style                | Plug           |
| Connector System                  | Cable-to-Cable |
| Sealable                          | Yes            |
| Connector & Contact Terminates To | Wire & Cable   |
| Connector Seal Type               | Gasket         |

Configuration Features

|                            |             |
|----------------------------|-------------|
| Port Configuration         | Single Port |
| 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

|                             |                                                                                                   |
|-----------------------------|---------------------------------------------------------------------------------------------------|
| Cable Type                  | Raychem 5012A3422, Raychem 5012F3332, Raychem 5012F3832, Raychem 5012M3612, RG 214, RG 9B, URM 91 |
| Operating Temperature Range | -65 – 165 °C[-85 – 329 °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 | Compliant with Exemptions |
|------------------------------|---------------------------|



|                                               |                                                                                                |
|-----------------------------------------------|------------------------------------------------------------------------------------------------|
| 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 2019 (197)<br>Candidate List Declared Against: JUL 2017 (174) |
| Halogen Content                               | Low Bromine/Chlorine - Br and Cl < 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 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

|                                                                                                                                         |                                                                                                                                                               |                                                                                                                                                                 |                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 1057284-1<br/>3052 0000 10</p>         |  <p>TE Part # 1057290-1<br/>3052 1201 10,N SERIES FM PLUG</p>             |  <p>TE Part # 225093-2<br/>N SER JACK WEATHERPROOF</p>                     |  <p>TE Part # 225094-2<br/>N SER BHD JACK WEATHERPROOF</p> |
|  <p>TE Part # 5225664-2<br/>N SERIES JACK W/P TR</p> |  <p>TE Part # 1-1478212-0<br/>N Pnl Jk Hex 50Ohm Silver Pltd RG58C/U,</p> |  <p>TE Part # 1-1478213-0<br/>N RM BHJ Hex 50Ohm Silver Pltd PSF 1/4M,</p> |  <p>TE Part # 1-5225664-2<br/>N SER JACK W/P TR</p>        |

Also in the Series | STA



DIMM Sockets(1)



In-Series Adapters(7)



Mini DIMM Sockets(3)



Portable Crimp Tools(1)



RF Connectors(73)



SD Card Connectors(2)



SO DIMM Sockets(15)



USB Cable Assemblies(2)

Customers Also Bought



TE Part #131443  
PG, WIRE TAB ASSY, 22-16



TE Part #5-1478996-6  
Cable Boot Black RG59, 62, 140



TE Part #4-6437630-0  
FTD59G04=LOCKING TOGGLE



TE Part #1-1337406-0  
N Str Jk PS 50Ohm Silver Pltd PSF 1/4M,



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



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



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



TE Part #1-1478420-0  
N Str Plg PS 50Ohm Silver Pltd PSF1/4M,



TE Part #5-6437630-7  
FTF0904=MINIATURE TOGGLE



TE Part #8-6437630-0  
A4TK15W04

Documents



Product Drawings

N Str Plg PS 50Ohm Silver Pltd RG9B/U, 2

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-1478421-0\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1478421-0\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1478421-0\_C.3d\_stp.zip

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

GREENPAR RF CONNECTOR CABLE ASSEMBLY INSTRUCTION SHEET

English