

1-1478419-0 ✓ ACTIVE



TE Internal #: 1-1478419-0

N Type RF Interface, Plug, 50 Ω , RG 141A / Raychem 5021D1831 / Raychem EPD 71169Q, Threaded, 11 GHz Operating Frequency, Cable-to-Cable, 1 Position

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Connectors > RF Connectors > Coax 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: **Belden 9907, Raychem 5021D1331, Raychem 5021D1831, Raychem 5021M1631, Raychem EPD 71169Q, RG 141A, RG 58C, URM 43, URM 76**

Features

Product Type Features

| | |
|-----------------------------------|---|
| Connector Seal & Plug Type | Gasket |
| RF Interface | N Type |
| RF Connector Style | Plug |
| Compatible With RF Cable Type | Belden 9907, Raychem 5021D1331, Raychem 5021D1831, Raychem 5021M1631, Raychem EPD 71169Q, RG 141A, RG 58C, URM 43, URM 76 |
| 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 |
|-----------|-------------|



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

| | |
|----------------------------|-----------------|
| Coupling Nut Base Material | Brass |
| Gasket Material | Silicone Rubber |
| 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 | 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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (4% 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 | 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 # 1-1478213-0
N RM BHJ Hex 50Ohm Silver Pltd PSF 1/4M,



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



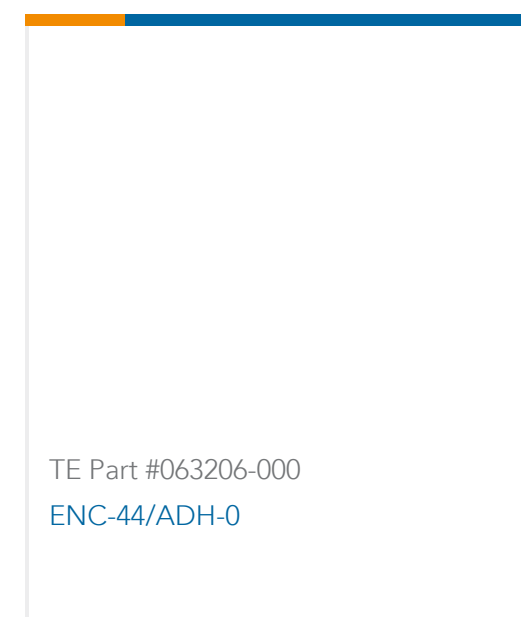
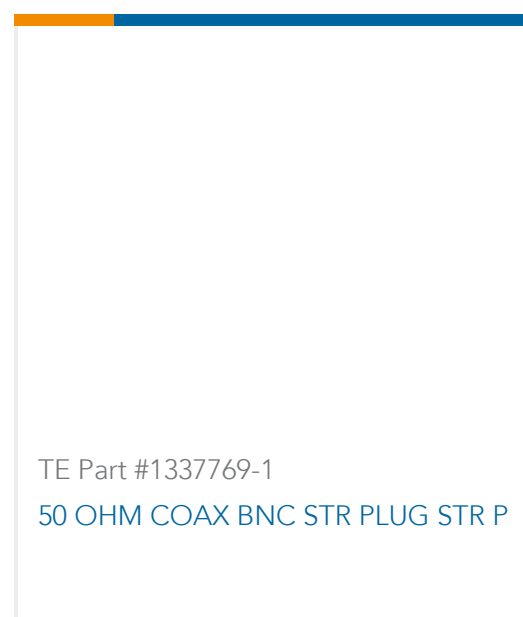
TE Part # 225093-2
N SER JACK WEATHERPROOF



TE Part # 225094-2
N SER BHD JACK WEATHERPROOF



Customers Also Bought



Documents

Product Drawings

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-1478419-0_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1478419-0_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1478419-0_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