# 1-1337629-0  ✓ ACTIVE

TE Internal #: 1-1337629-0

RF Connectors, N Type RF Interface, Plug, 50 Ω, RG 213 / KX 24 / KX 4, Threaded, 11 GHz Operating Frequency, Cable-to-Cable, 1 Position, Sealable

View on TE.com >

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:  **KX 24, KX 4, Raychem 5012A1422, Raychem 5012E1339, Raychem 5012E1632, Raychem EPD 29108Q, RG 213, RG 8A, URM 67**

## Features

### Product Type Features

| RF Interface | N Type |
|---|---|
| RF Connector Style | Plug |
| Compatible With RF Cable Type | KX 24, KX 4, Raychem 5012A1422, Raychem 5012E1339, Raychem 5012E1632, Raychem EPD 29108Q, 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 |
|---|---|

1-1337629-0

RF Connectors, N Type RF Interface, Plug, 50 Ω, RG 213 / KX 24 / KX 4, Threaded, 11 GHz Operating Frequency, Cable-to-Cable, 1 Position, Sealable

## Body Features

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

## Contact Features

| | |
|---|---|
| RF Connector Contact Configuration | Captivated Contacts |
| Ferrule Plating Material | Nickel |
| Crimp Type | Hex |
| Ferrule Material | Annealed Copper |
| RF Connector Center Contact Plating Material | Gold |
| RF Connector Center Contact Material | Brass |

## Termination Features

| | |
|---|---|
| Termination Method to Wire & Cable | Crimp |

## 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 | -65 – 165 °C[-85 – 329 °F] |

## Operation/Application

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

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 50 |
| Packaging Method | Box |

## Other

| | |
|---|---|
| Gasket Material | Silicone Rubber |
| Coupling Nut Base Material | Brass |
| Military Style Number | UG-1681/U |
| Grade | Commercial |
| Dielectric Material | PTFE |

1-1337629-0

RF Connectors, N Type RF Interface, Plug, 50 Ω, RG 213 / KX 24 / KX 4, Threaded, 11 GHz Operating Frequency, Cable-to-Cable, 1 Position, Sealable

## 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 2022 (224)<br><br>Candidate List Declared Against: JUNE 2022 (224)<br><br>SVHC > Threshold:<br>Pb (4% in Component Part)<br><br>Article Safe Usage Statements:<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 | Not applicable 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 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 # CAT-076-BNCJKRA75C
BNC RF Connector: 75 Ohm



TE Part # CAT-076-BNCJKRA75E
BNC RF Connector: 75 Ohm



TE Part # 9-1478239-0
SDE TL & DIE TYPE N RG213



TE Part # 5221199-5
JACK,75 OHM COML BNC

# 1-1337629-0

RF Connectors, N Type RF Interface, Plug, 50 Ω, RG 213 / KX 24 / KX 4, Threaded, 11 GHz Operating Frequency, Cable-to-Cable, 1 Position, Sealable

TE Part # 5221199-2
JACK,75 OHM,COML BNC

TE Part # 5413590-8
BNC BLKHD JACK,75 OHM,HEX

TE Part # 5413760-3
JACK,75 OHM,COML BNC,HEX CRIMP

TE Part # 5413760-8
JACK,75 OHM,COML BNC,HEX CRIMP

TE Part # 5221199-1
JACK,75 OHM,COML BNC

TE Part # 5413760-1
JACK,75 OHM,COML BNC,HEX CRIMP

TE Part # 1583581-1
PRO-C HEX DIE TYPE N RG213

# Documents

## Product Drawings
N Str Plg Hex 50Ohm Nickel Pltd PSF 1/4M

English

## CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_1-1337629-0_C.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1-1337629-0_C.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1-1337629-0_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

## Datasheets & Catalog Pages
1307191 RF Coax Products Catalog

English