



Connectors > RF Connectors > Coax Connectors



RF Interface: **BNC**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **14.53 mm [ .572 in ]**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Bayonet**

Features

Product Type Features

|                                   |                |
|-----------------------------------|----------------|
| Connector Seal & Plug Type        | Gasket         |
| RF Interface                      | BNC            |
| RF Connector Style                | Plug           |
| 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       | Nickel   |

Contact Features

|                                                   |            |
|---------------------------------------------------|------------|
| Crimp Type                                        | Dual Crimp |
| RF Connector Center Contact Underplating Material | Nickel     |
|                                                   | 1080 μin   |
| RF Connector Center Contact Plating Material      | Gold (Au)  |



|                                      |       |
|--------------------------------------|-------|
| RF Connector Center Contact Material | Brass |
|--------------------------------------|-------|

Termination Features

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

Mechanical Attachment

|                                 |                            |
|---------------------------------|----------------------------|
| RF Connector Coupling Mechanism | Bayonet                    |
| Connector Mounting Type         | Cable Mount (Free-Hanging) |
| RF Contact Captivation Method   | Mechanical                 |
| Detent                          | With                       |

Dimensions

|                                                 |                   |
|-------------------------------------------------|-------------------|
| RF Connector Mated Outer Diameter (Approximate) | 14.53 mm[.572 in] |
|-------------------------------------------------|-------------------|

Usage Conditions

|                   |             |
|-------------------|-------------|
| Insulation Option | Uninsulated |
|-------------------|-------------|

Operation/Application

|                     |       |
|---------------------|-------|
| Operating Frequency | 4 GHz |
|---------------------|-------|

Packaging Features

|                  |        |
|------------------|--------|
| Packaging Method | Carton |
|------------------|--------|

Other

|                            |              |
|----------------------------|--------------|
| Coupling Nut Base Material | Brass        |
| Grade                      | Commercial   |
| Dielectric Material        | Polyethylene |

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 2024 (241)<br>Candidate List Declared Against: JAN 2021 (211)<br>SVHC > Threshold:<br>Pb (3.7% 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           | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources. |
| 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>

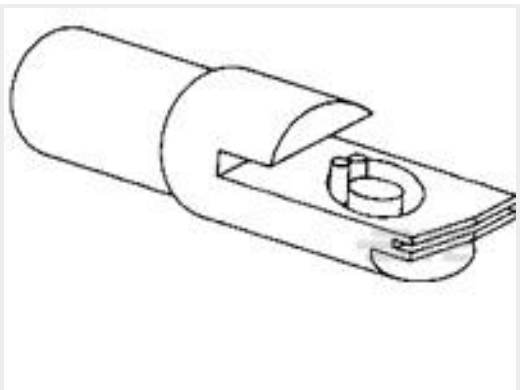
Customers Also Bought



TE Part #CAT-D38999-DTS23L  
D38999: Straight Plug, 11-98 Insert



TE Part #YDTS26F17-35SCV001  
PLUG ASSY



TE Part #606713-1  
600 MCM QUICK DISCONNECT



TE Part #YDTS20W23-53SAV001  
RECP ASSY



TE Part #YDTS26W21-41SAV001  
PLUG ASSY



TE Part #YDIV46E21-35SNV001  
PLUG ASSY



TE Part #YDIV46E21-35SAV001  
PLUG ASSY

Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG\_CVM\_CVM\_6-5227079-8\_D.2d\_dxf.zip
- English
- Customer View Model
- ENG\_CVM\_CVM\_6-5227079-8\_D.3d\_igs.zip
- English



Customer View Model

ENG\_CVM\_CVM\_6-5227079-8\_D.3d\_stp.zip

English

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

Datasheets & Catalog Pages

BNC Connectors

English

Product Specifications

Product Specification

English

Plug, Coaxial, Commercial BNC

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