



TE Internal #: 5227079-6  
 RF Connectors, BNC RF Interface, Plug, 50 Ω, RG 55B / RG 55 / RG 223, Bayonet, 4 GHz Operating Frequency, Cable-to-Cable, 1 Position, Sealable

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Connectors > RF Coax Connectors > RF Connectors



RF Interface: **BNC**

RF Connector Style: **Plug**

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

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 223, RG 55, RG 55A, RG 55B**

## Features

### Product Type Features

Connector Seal Type	Gasket
RF Interface	BNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 223, RG 55, RG 55A, RG 55B
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
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### Body Features

Cable Connector Orientation	Straight
Body Material	Brass
Body Plating Material	Nickel

### Contact Features

RF Connector Center Contact Underplating Material	Nickel
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1080  $\mu$ m

Crimp Type	Dual
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RF Connector Center Contact Plating Material	Gold
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RF Connector Center Contact Material	Brass
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### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

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

RF Connector Mated Outer Diameter (Approximate)	14.53 mm [.572 in]
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### Usage Conditions

Insulation Option	Uninsulated
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Operating Temperature Range	-55 – 85 °C [-67 – 185 °F]
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### Operation/Application

Operating Frequency	4 GHz
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### Packaging Features

Packaging Method	Carton
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### Other

Grade	Commercial
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Dielectric Material	Polyethylene
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2021 (211)
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SVHC > Threshold:

Pb (3.7% 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

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>

## Compatible Parts



TE Part # CAT-076-BNCJKISG50  
BNC RF Connector: Jack Assembly, Isolated Ground Protection, 50 Ohm



TE Part # CAT-076-BNCVTBAY  
BNC Vertical Jack RF Connector, 50 Ohm, Bayonet Coupling Mechanism



TE Part # CAT-076-BNCRABAY  
BNC RF Connector: Male (Jack), Right Angle



TE Part # CAT-076-BNCJKRA75C  
BNC RF Connector: Jack, Right-Angle, 75 Ohm



TE Part # 5227755-2  
BNC SOLDER RECEPT JACK SHORT



TE Part # 5413779-3  
COML BNC,50 OHM, HEX CRIMP



TE Part # 5222132-1  
JACK,VERTICAL,PCB,75 OHM,BNC



TE Part # 6274315-1  
BNC JACK, NONSWITCHING



## Documents

### Product Drawings

#### COMM. BNC-PLUG

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5227079-6\\_D.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5227079-6\\_D.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5227079-6\\_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

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## Product Specifications

### Product Specification

English

### Plug, Coaxial, Commercial BNC

English