



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: **75 Ω**

Compatible With RF Cable Type: **RG 179, RG 187**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 179, RG 187
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	75 Ω
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Body Features

Body Insulation	Without
Cable Connector Orientation	Straight
Body Material	Zinc
Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Nickel
	762 μ in



Crimp Type	Dual
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Wire & Cable	Crimp
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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]
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Usage Conditions

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

Operating Frequency	2 GHz
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Packaging Features

Packaging Method	Carton
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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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (3.7% in Component Part)



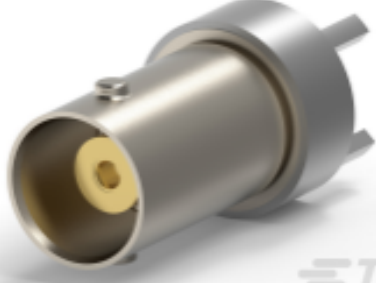
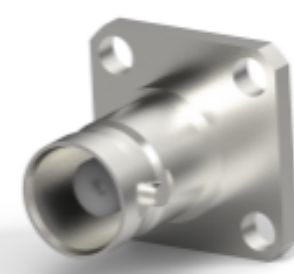
Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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 : 50 Ohm	 TE Part # CAT-076-BNCVTBAY BNC RF Connector: Vertical	 TE Part # CAT-076-BNCRABAY BNC RF Connector: Male (Jack), Right-Ang	 TE Part # CAT-076-BNCJKSH50 BNC RF Connector: short
 TE Part # 5413779-3 COML BNC,50 OHM, HEX CRIMP	 TE Part # 5413476-2 JACK,DECOUPLER,PCB,VERT,BNC	 TE Part # 6274315-1 BNC JACK, NONSWITCHING	 TE Part # 1-1337446-0 BNC Pnl Skt 50Ohm Silver Pltd
 TE Part # 1-1337551-0 FME Str Jk Hex Nickel Pltd RG174A/U, 188	 TE Part # 227426-1 BNC BLKHD RECPT SEALED	 TE Part # 5227754-1 BNC SOLDER RECEPT JACK	 TE Part # 5227754-2 BNC SOLDER RECEPT JACK





TE Part # 5227754-3

BNC SOLDER RECEPT JACK



TE Part # 413524-5

JACK DECOUPLER PCB RTANG



TE Part # 5413194-1

BNC, RT ANG, PCB, JACK



TE Part # CAT-076-BNCJKHD50

BNC RF Connector: 50 Ohm



TE Part # CAT-076-BNCPK4GMG

BNC RF Connector: Plug Kit, Military Grade



TE Part # 2-329092-1

BNC BHD JACK KIT



TE Part # 5225398-7

BNC DUAL CRIMP JACJ



TE Part # 1-1337406-0

N Str Jk PS 50Ohm Silver Pltd PSF 1 /4M,

Documents

Product Drawings

COMM BNC PLUG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-5227079-2_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-5227079-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-5227079-2_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

English



[Agency Approvals](#)
[UL Report](#)
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