



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: **Belden 88240, Berk-Tek BTDC-58**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Plug
Compatible With RF Cable Type	Belden 88240, Berk-Tek BTDC-58
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
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Body Features

Body Insulation	Without
Body Shape	Circular
Cable Connector Orientation	Straight
Body Material	Brass
Body Plating Material	Nickel

Contact Features

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RF Connector Center Contact Underplating Material	Nickel
	1080 μin
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	4 GHz
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Packaging Features

Packaging Method	Carton
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Other

Grade	Commercial
Coupling Nut Base Material	Brass
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: JAN 2021 (211)



Candidate List Declared Against: JAN 2020
(205)
SVHC > Threshold:
Not Yet Reviewed

Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

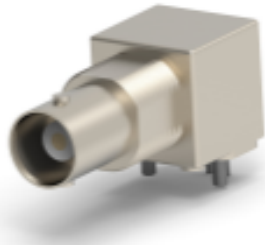
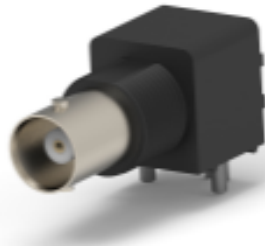
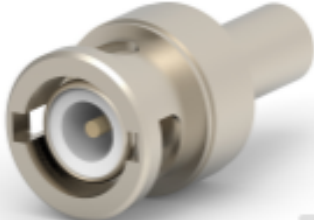
Product Compliance Disclaimer

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>

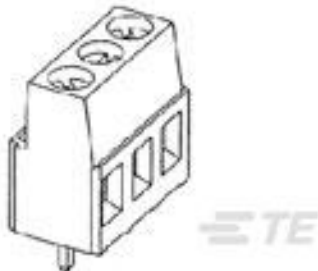
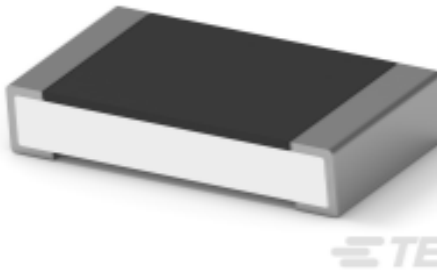
Compatible Parts

 TE Part # CAT-076-BNCJKISG50 BNC RF Connector: Male (Jack) Assembly, Isolated Ground Protection, 50 Ohm	 TE Part # CAT-076-BNCVTBAY BNC Vertical Male (Jack) RF Connector, 50 Ohm, Bayonet Coupling Mechanism	 TE Part # CAT-076-BNCRABAY BNC Right Angle M Jack RF Connector, 50 Ohm, Bayonet Coupling Mechanism	 TE Part # CAT-076-BNCJKRA75C BNC RF Connector: Male (Jack), Right- angle, 75 Ohm
 TE Part # CAT-076-BNCJKRA752 BNC RF Connector: Male (Jack), Right- angle, 75 Ohm, 2 Ghz	 TE Part # CAT-076-BNCPK4GMG BNC RF Connector: Plug Kit, Straight, 4 GHz, Military Grade	 TE Part # CAT-076-BNCJKSH50 BNC RF Connector: Male (Jack) assembly - short, 50 Ohm, 4Ghz	 TE Part # 1-1337543-0 BNC Ins R/A PCB Skt 50Ohm White



 TE Part # 1-1337494-0 BNC R/A Shld PCB Skt 50Ohm Nickel Pltd	 TE Part # 2-5221128-1 PLUG,COMMERCIAL BNC	 TE Part # 5225395-1 BNC PLUG DUAL CRIMP RG58,A,B,C	 TE Part # 5413589-8 KIT,PLUG,COML BNC,HEX CRP
 TE Part # 1-1634612-0 BNC Ins R/A PCB Skt 50Ohm Black	 TE Part # 5-1634500-2 BNC Str Plg Hex 50Ohm Nickel Pltd RG58C/	 TE Part # 5-1634503-1 BNC Str PCB Skt 50Ohm Nickel Pltd	 TE Part # 5413959-3 BNC HEX RT ANG PLUG 50 OHM
 TE Part # 5-1634503-3 BNC Str PCB Skt 75Ohm Nickel Pltd	 TE Part # 5227079-5 COMM BNC PLUG	 TE Part # 6274291-2 JACK,VERT,PCB,75OHM,BNC	 TE Part # 5225398-7 BNC DUAL CRIMP JACJ

Customers Also Bought

 TE Part #0462-209-16141 DEUTSCH SOLID CONTACTS	 TE Part #1-1623724-3 Wirewound Resistor: Axial Mount, 17 Watt	 TE Part #1-282843-0 TERMI-BLOK PCB MOUNT 90 10P.	 TE Part #1-1625893-3 5W SM M/OX 2% 22R
 TE Part #1-2176391-0 RQ 1206 15K4 0.1% 10PPM 5K RL	 TE Part #W6P DEUTSCH DT WEDGELOCKS	 TE Part #1-1744439-2 EP2.5 Shrd HDR ASSY 12P VERT, GW	

Documents



Product Drawings

PLUG,COMMERCIAL BNC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-5227079-3_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-5227079-3_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-5227079-3_D.3d_stp.zip

English

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Datasheets & Catalog Pages

BNC Connectors

English

Product Specifications

Product Specification

English

Plug, Coaxial, Commercial BNC

English