



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 89907, Belden 9907, RG 141**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Plug
Compatible With RF Cable Type	Belden 89907, Belden 9907, RG 141
Connector System	Cable-to-Cable
Sealable	No
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

Body Insulation	Without
Cable Connector Orientation	Right Angle
Body Material	Zinc



Body Plating Material	Nickel
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Contact Features

RF Connector Center Contact Underplating Material	Nickel
	1080 μin
Crimp Type	Hex
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Hex 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	Polymethylpentene

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

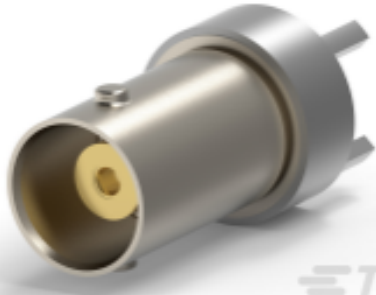
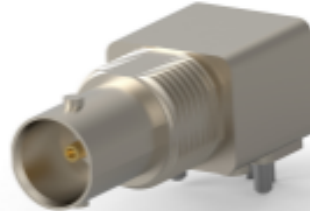


EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (3.7% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if 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

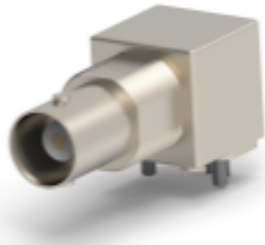
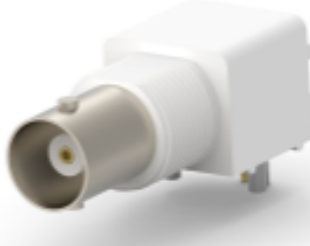
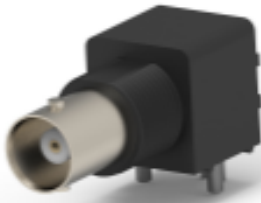
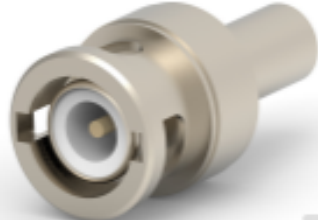
Product Compliance Disclaimer

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>

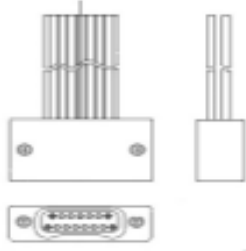
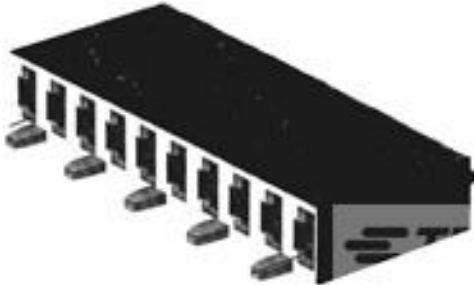
Compatible Parts

 TE Part # CAT-076-BNCJKISG50 BNC RF Connector: 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 # 5-1634516-1 BNC RM BHJ Hex 50Ohm Nickel Pltd RG58C/U	 TE Part # 1-1337542-0 BNC Ins LP PCB Skt 50Ohm White RG58C/U
 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

Customers Also Bought

 TE Part #641211-3 Polyester Vertical PCB Header: 2.54 mm, Unshrouded, No Mating Alignment	 TE Part #5-102692-2 24 MODII 2PC HDR DR SHRD, ROHS	 TE Part #176271-9 AMP UNIVERSAL POWER PLUG 2P	 TE Part #211539-2 AMPLIMITE,ASY,RCPT,FB,90,4,CONT
 TE Part #2-1589476-0 STL025SC2DC006N = WDUALOBE	 TE Part #3-87025-0 13 MODI CRMP S-I HSG SR .156CL	 TE Part #3-87025-8 14 MODI CRMP S-I HSG SR .156CL	 TE Part #6-227079-7 PLUG,COMMERCIAL BNC



Documents

Product Drawings

BNC HEX RT ANG PLUG 50 OHM

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5413959-6_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5413959-6_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5413959-6_A.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