



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 179A, RG 179B, RG 187, RG 187A**

Features

Product Type Features

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

Body Insulation	Without
Body Shape	Circular



Cable Connector Orientation	Straight
Body Material	Die Cast Zinc
Body Plating Material	Nickel

Contact Features

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	-65 – 85 °C[-85 – 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

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
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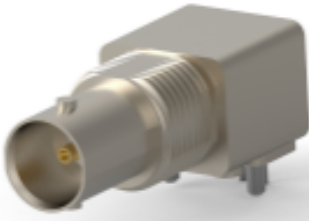
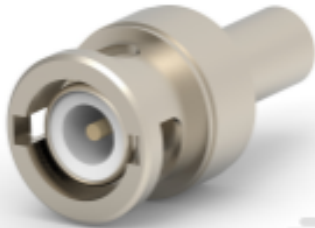


EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (3.7% in Component 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	Not Low Halogen - contains Br or Cl > 900 ppm.
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>

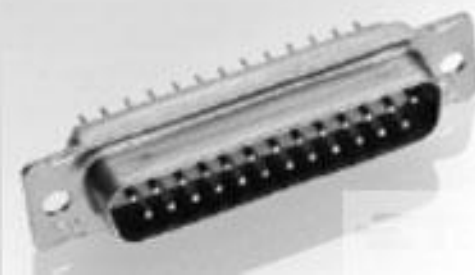
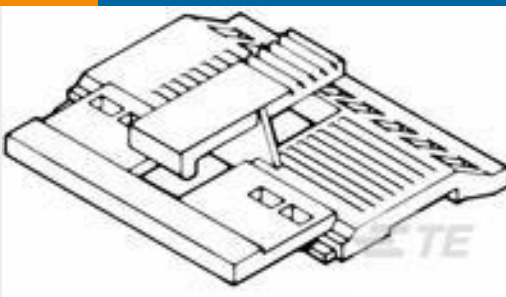
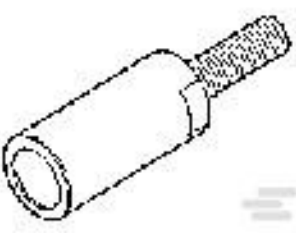
Compatible Parts

 TE Part # CAT-076-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 # 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 # 5-1814800-3 TNC Str Plg Hex 50Ohm Nickel Pltd RG58C	 TE Part # 5-1634500-2 BNC Str Plg Hex 50Ohm Nickel Pltd RG58C/



 TE Part # 5413959-1 PLUG RTANG BNC HEX 50 OHM	 TE Part # 5413589-3 KIT,PLUG,COML BNC,HEX CRP	 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 # 1-5221128-0 PLUG,COMMERCIAL BNC	 TE Part # 5-1634514-1 BNC Str Jk Hex 75Ohm Nickel Pltd RG59B/U
 TE Part # 5413589-7 KIT,PLUG,COML BNC,HEX CRP	 TE Part # 8-5227079-2 COMM BNC PLUG	 TE Part # 5222132-1 JACK,VERTICAL,PCB,75 OHM,BNC	 TE Part # 5221199-5 JACK,75 OHM COML BNC

Customers Also Bought

 TE Part #205206-8 D-Sub Crimp: Plug, Signal, 15 Posn, Pin Size 20, Shell Size 2	 TE Part #205167-1 RECEPT ASSY,37 POSN,AMPLIMITE	 TE Part #1051018-1 2004 7985 00	 TE Part #102681-4 18 AMPMODU MT COVER DR .100CL
 TE Part #192129-1 4MM 10B1S1/4-X 10-32	 TE Part #1658688-1 D-Sub Crimp Recpt Signal 15 Posn, Socket Size 22, Shell Size 1	 TE Part #109858-000 D-181-1222-90/9	 TE Part #1-794616-8 FREE HANG DBL ROW HSG 18 POS



Documents

Product Drawings
PLUG,75 OHM,COMMERCIAL BNC
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_5221185-8_A.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_5221185-8_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_5221185-8_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

Product Specifications
Product Specification
English
Connector, Coaxial, 75 Ohm BNC Series, Commercial & Dual Crimp Types
English
Product Specification
Japanese

Product Environmental Compliance
MD_5221185-8_02092018615_dmtec
English
MD_5221185-8_02092018615_dmtec
English

5221185-8

RF Connectors, BNC RF Interface, Plug, RF Connector Mated Outer Diameter
(Approximate) .572 in [14.53 mm], 75 Ω



Instruction Sheets

Instruction Sheet (U.S.)

English