



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 59, RG 59A, RG 59B, RG 62, RG 62A, RG 62B**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 59, RG 59A, RG 59B, RG 62, RG 62A, RG 62B
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
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	Box
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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: JUL 2017
(174)
SVHC > Threshold:
Not Yet Reviewed

Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

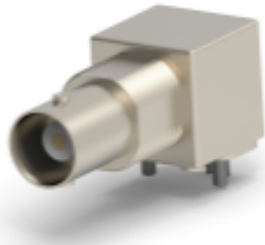
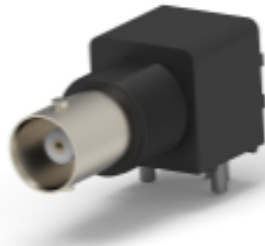
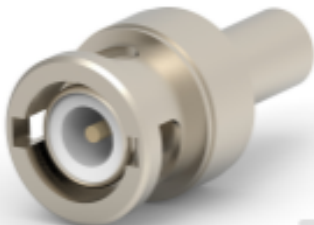
Product Compliance Disclaimer

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

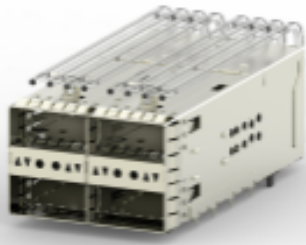
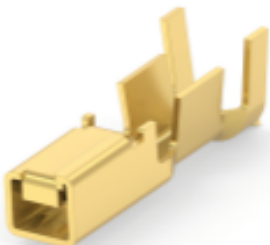
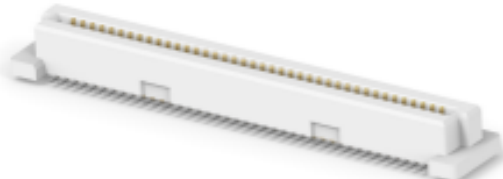
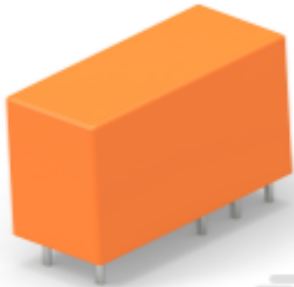
Compatible Parts

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-BNCPK4GGM 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 #2308171-2 ZQSFP+ CAGE& CONN 2X2, EMI SPRING, BTB	 TE Part #1-2040586-1 DYNAMIC 4000 REC AND TAB CONT	 TE Part #2-1735481-1 Free Height Receptacle Conn: Board-Board, Vertical, 40, 0.8mm	 TE Part #2-1735481-3 Free Height Receptacle Conn: Board-Board, Vertical, 80, 0.8mm
 TE Part #2-292161-7 CT 2mm Post Header Assy w/Kink - Vert.	 TE Part #1-1649328-9 RTD34005	 TE Part #1-2232784-2 GIC 7.92MM CONN HDR ASS'Y 2POS RED	 TE Part #104196-5 20 SYSTEM 50 RCPT ASSY SRRA RED



Documents

Product Drawings
PLUG, COML BNC, KIT, PB FREE
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_8-5227079-1_D.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_8-5227079-1_D.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_8-5227079-1_D.3d_stp.zip
English

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Product Specifications
Product Specification
English
Plug, Coaxial, Commercial BNC
English