



Connectors > RF Coax Connectors > RF Connectors



RF Interface: **BNC**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **14.53 mm [.572 in]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 174, RG 188, RG 316**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Jack
Compatible With RF Cable Type	RG 174, RG 188, RG 316
Connector System	Cable-to-Board
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	Straight
Body Material	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	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Panel Mount
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	Polypropylene

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

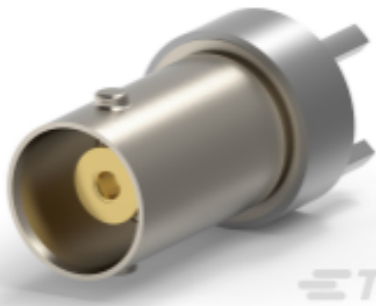
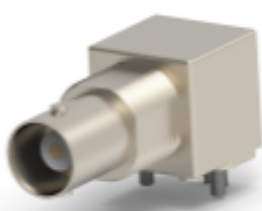
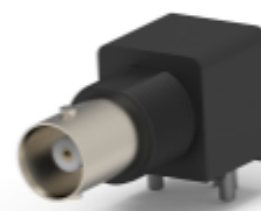
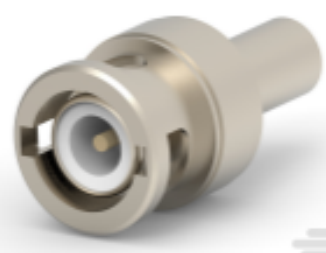


Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

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-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 # 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 # 5-1634556-0 BNC LP ELBOW B/HEAD PCB SKT 50 OHMS 6.15



TE Part # 5413589-7
KIT,PLUG,COML BNC,HEX CRP



TE Part # 5413515-2
JACK,DECOUPLER,RTANG,BNC PCB



TE Part # 5413515-9
JACK,DECOUPLER,RTANG,BNC PCB



TE Part # 330876
BNC PLUG



TE Part # 6274315-1
BNC JACK, NONSWITCHING



TE Part # 1-1478048-0
BNC Ins BHSkt 75Ohm Nickel Gold Pltd



TE Part # 2-5221128-7
PLUG,COMMERCIAL BNC



TE Part # 2-5225395-0
BNC PLUG DUAL CRIMP TR

Customers Also Bought



TE Part #1-747943-6
IDC D-Sub: Receptacle Kit, Wire to Wire, Signal, 2.74 mm



TE Part #1410187-3
MULTIGIG RT T2 7RW DC DF CT



TE Part #1-1757823-0
AMPLIMITE,ASY,PLUG,STD,90,ZN,4,CT



TE Part #1050611-1
2001 5443 02



TE Part #1053488-1
2080 0000 00



TE Part #1-66359-4
TYPE III CONTACTS STRIP



TE Part #1-5227079-6
COMM BNC PLUG



TE Part #104257-2
03 MTE RCPT HSG SR LATCH .100



TE Part #103688-3
04 MTE RCPT HSG SR PLAIN .100



TE Part #91067-2
INSERTION/EXTRACTION TOOL

Documents



Product Drawings

JACK,COML,SERIES BNC,GOLD PL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5228979-7_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5228979-7_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5228979-7_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

Commercial BNC Coaxial Bulkhead Jacks

English