



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: **75 Ω**

Compatible With RF Cable Type: **RG 59, RG 59A, RG 59B**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Jack
Compatible With RF Cable Type	RG 59, RG 59A, RG 59B
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
-----------	------

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
------------------------------------	-------

Mechanical Attachment

RF Connector Coupling Mechanism	Bayonet
RF Contact Captivation Method	Mechanical
Detent	With

Dimensions

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

Usage Conditions

Operating Temperature Range	-65 – 85 °C[-85 – 185 °F]
-----------------------------	---------------------------

Operation/Application

Operating Frequency	2 GHz
---------------------	-------

Packaging Features

Packaging Method	Carton
------------------	--------

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 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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 2-5221128-1 PLUG,COMMERCIAL BNC	 TE Part # 1-1337481-0 SMB R/A PCB Skt 50Ohm Gold Plt
 TE Part # 5413589-8 KIT,PLUG,COML BNC,HEX CRP	 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 # 5222132-1 JACK,VERTICAL,PCB,75 OHM,BNC	 TE Part # 5221199-5 JACK,75 OHM COML BNC	 TE Part # 5414094-2 JACK,DECOUPLER,R/A,75 OHM, BNC
 TE Part # 6274291-1 JACK,PCB,COML BNC, 75OHM	 TE Part # 1-1337414-0 N Str Jk Hex 50Ohm Silver Pltd PSF 1 /4M,	 TE Part # 1-1337420-0 BNC Str Plg MC 50Ohm Nickel Pltd RG58C/U	 TE Part # 5221185-8 PLUG,75 OHM,COMMERCIAL BNC
 TE Part # 1-1478075-0 BNC R/A Plg Hex 50Ohm Silver Pltd RG58C/	 TE Part # 1-5221185-5 PLUG,75 OHM,COML BNC	 TE Part # 1274568-3 PLUG KIT, STRAIGHT, MINI BNC	 TE Part # 2-5221128-7 PLUG,COMMERCIAL BNC

Customers Also Bought

 TE Part #0462-209-16141 DEUTSCH SOLID CONTACTS	 TE Part #2-130008-1 PIDG RING TONGUE TERMINALS	 TE Part #2-1630019-5 Power Resistors: Aluminum Housed, HSA	 TE Part #1776303-3 TSB100003=EUROPA TERM BLK, 12MM
 TE Part #114017-ZZ DEUTSCH SEALING PLUGS	 TE Part #YDTS24F09-35SBC001 D38999: Jam Nut, 09-35 Insert	 TE Part #1-480698-0 02P UMNL PLUG HSG NATL	

Documents



Product Drawings

JACK,75 OHM,COML BNC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5221199-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5221199-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5221199-2_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

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (U.S.)

English