



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: **C&M Cable 17189**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Plug
Compatible With RF Cable Type	C&M Cable 17189
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
Cable Connector Orientation	Straight
Body Material	Zinc
Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Nickel
	1080 μ in
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

Coupling Nut Base Material	Brass
Grade	Commercial
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: JUNE 2022 (224) 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.

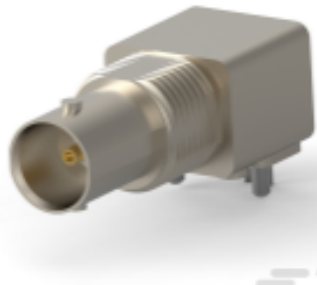
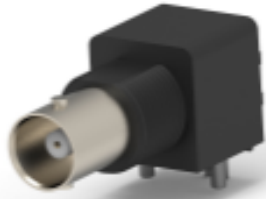
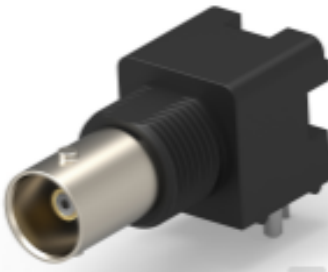
Solder Process Capability

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-BNCJKRA75C BNC RF Connector: 75 Ohm	 TE Part # CAT-076-BNCJKRA754 BNC RF Connector: 4 Ghz	 TE Part # 5222132-1 JACK,VERTICAL,PCB,75 OHM,BNC	 TE Part # 1-1634622-0 BNC Ins R/A PCB Skt 75Ohm Black
 TE Part # 5221221-5 JACK BLKHD 75OHM BNC	 TE Part # 5414217-1 BNC SOLDER RCPT	 TE Part # 6274359-1 JACK, VERT,PCB,75 OHM,BNC	 TE Part # CAT-076-BNCVTBAY BNC RF Connector: Vertical
 TE Part # CAT-076-BNCJKRA75E BNC RF Connector: 75 Ohm	 TE Part # CAT-076-BNCJKRA752 BNC RF Connector: Right angle	 TE Part # CAT-076-BNCPK4GMG BNC RF Connector:Plug Kit,Military Grade	 TE Part # 414217-1 BNC SOLDER RCPT





TE Part # 1274291-1
JACK,PCB,COML BNC, 75OHM



TE Part # 1274359-1
JACK, VERT,PCB,75 OHM,BNC



TE Part # 2016080-2
JACK,PCB,COMMERCIAL BNC



TE Part # 222092-1
JACK,RTANG,PCB,75 OHM,BNC



TE Part # 222092-3
JACK,RTANG,PCB,75 OHM,BNC



TE Part # 222093-1
JACK,RTANG,PCB,75 OHM,BNC



TE Part # 222462-4
RECEPTACLE,PRESS FIT,COML BNC



TE Part # 413986-1
BNC PCB VERTICAL,75 OHM

Documents

Product Drawings
PLUG,75 OHM,COMMERCIAL BNC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-5221185-4_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-5221185-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-5221185-4_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English

Connector, Coaxial, 75 Ohm BNC Series, Commercial & Dual Crimp Types

English

Product Specification

Japanese

Instruction Sheets



Instruction Sheet (U.S.)

English