



Connectors > RF Connectors > Coax 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 188, RG 174**

Features

Contact Features

	762 μin
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Brass
Crimp Type	Dual
RF Connector Center Contact Underplating Material	Nickel

Product Type Features

RF Interface	BNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 188, RG 174
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector Seal & Plug Type	Gasket
Connector Shape	Circular



Dimensions

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

Impedance	50 Ω
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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

Operation/Application

Operating Frequency	4 GHz
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Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
Insulation Option	Uninsulated

Termination Features

Termination Method to Wire & Cable	Crimp
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Body Features

Cable Connector Orientation	Straight
Body Material	Brass
Body Plating Material	Nickel

Other

Dielectric Material	Polyethylene
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions
Coupling Nut Base Material	Brass
Grade	Commercial

Packaging Features

Packaging Method	Carton
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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	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: Jack Assembly, Isolated Ground Protection, 50 Ohm



TE Part # CAT-076-BNCVTBAY
BNC Vertical Jack RF Connector, 50 Ohm, Bayonet Coupling Mechanism



TE Part # CAT-076-BNCRABAY
BNC RF Connector: Male (Jack), Right Angle



TE Part # CAT-076-BNCJKRA75C
BNC RF Connector: Jack, Right-Angle, 75 Ohm





TE Part # 5227755-2
BNC SOLDER RECEPT JACK SHORT



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



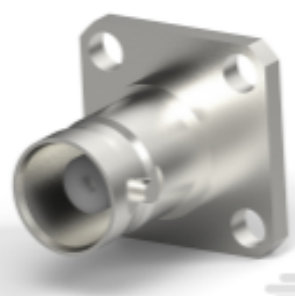
TE Part # 5413779-3
COML BNC,50 OHM, HEX CRIMP



TE Part # 5222132-1
JACK,VERTICAL,PCB,75 OHM,BNC



TE Part # 6274315-1
BNC JACK, NONSWITCHING



TE Part # 1-1337446-0
BNC Pnl Skt 50Ohm Silver Pltd



TE Part # 1-1337551-0
FME Str Jk Hex Nickel Pltd RG174A/U, 188



TE Part # 330024
BNC BHD JACK ADAPTER



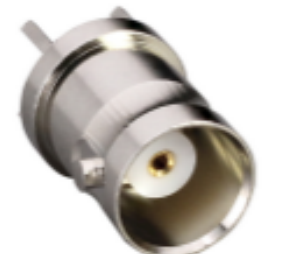
TE Part # 5221221-5
JACK BLKHD 75OHM BNC



TE Part # 5227169-4
BNC - SOLDER RECEPT



TE Part # 5414217-1
BNC SOLDER RCPT



TE Part # CONBNC001
BNC Jack 50 Ohm PCB Through Hole



TE Part # CONBNC004
BNC Jack 50 Ohm Panel Mount



TE Part # CAT-076-BNCPK4GMG
BNC RF Connector: Plug Kit, Straight, 4 GHz, Military Grade



TE Part # CAT-076-BNCJK4GMG
BNC RF Connector Jack Kit, 50 Ohm, 4 Ghz, Military Grade



TE Part # 5225395-1
BNC PLUG DUAL CRIMP RG58,A,B,C

Also in the Series | **BNC**



Coax Connectors(8)

Customers Also Bought



TE Part #2-6609107-6
PS0SXSS30=C1061

TE Part #1SNG610006R0000
EP-DOP-SZ9-BL-B

TE Part #1863003-1
09P UMNL PLUG HSG

TE Part #1393771-5
JWD-107-5=REED RELAYS

TE Part #5745175-5
CABLE CLAMP KIT,SZ 5

TE Part #DTS20W11-35SN
RECP ASSY

TE Part #5-532955-8
50 MODII 2PC CE RCPT ASSY, RoH

TE Part #2-1393560-5
V42254A 142V 1=SUB D BOLZENZA

TE Part #7-6437244-1
S14P22F-A

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-5227079-6_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-5227079-6_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-5227079-6_D.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

Plug, Coaxial, Commercial BNC

English