



TE Internal #: 1-5227079-9

RF Connectors, BNC RF Interface, Plug, RF Connector Mated Outer

Diameter (Approximate) .572 in [14.53 mm], 50 Ω

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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: **AMPHENOL 21-597, Belden 8218, Belden NH Special**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Plug
Compatible With RF Cable Type	AMPHENOL 21-597, Belden 8218, Belden NH Special
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
Body Shape	Circular
Cable Connector Orientation	Straight
Body Material	Brass
Body Plating Material	Nickel

Contact Features



RF Connector Center Contact Underplating Material	Nickel
	1080 μ m
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	Carton
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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: JAN 2021 (211)

SVHC > Threshold:

Pb (3.7% in component)

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: 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




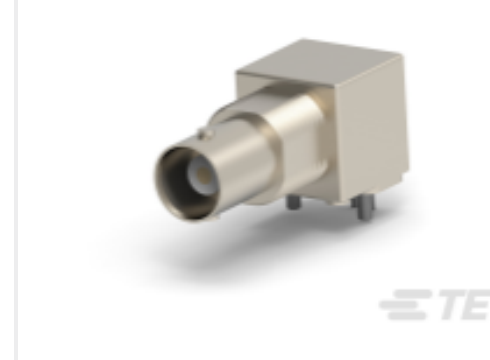








TE Part # CAT-076-BNCPK4GMG
BNC RF Connector: Plug Kit, Straight, 4 GHz, Military Grade











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



TE Part # CAT-076-BNCJKSH50
BNC RF Connector: Male (Jack) assembly - short, 50 Ohm, 4Ghz

 <p>TE Part # 1-1337543-0 BNC Ins R/A PCB Skt 50Ohm White</p>	 <p>TE Part # 1-1337494-0 BNC R/A Shld PCB Skt 50Ohm Nickel Pltd</p>	 <p>TE Part # 2-5221128-1 PLUG,COMMERCIAL BNC</p>	 <p>TE Part # 5225395-1 BNC PLUG DUAL CRIMP RG58,A,B,C</p>
 <p>TE Part # 5413589-8 KIT,PLUG,COML BNC,HEX CRP</p>	 <p>TE Part # 1-1634612-0 BNC Ins R/A PCB Skt 50Ohm Black</p>	 <p>TE Part # 5-1634500-2 BNC Str Plg Hex 50Ohm Nickel Pltd RG58C/</p>	 <p>TE Part # 5-1634503-1 BNC Str PCB Skt 50Ohm Nickel Pltd RG58C/</p>
 <p>TE Part # 5413959-3 BNC HEX RT ANG PLUG 50 OHM</p>	 <p>TE Part # 5-1634503-3 BNC Str PCB Skt 75Ohm Nickel Pltd</p>	 <p>TE Part # 5227079-5 COMM BNC PLUG</p>	 <p>TE Part # 6274291-2 JACK,VERT,PCB,75OHM,BNC</p>

Customers Also Bought

 <p>TE Part #1658643-1 D-Sub Crimp Recpt Signal 9 Posn, Socket Size 20, Shell Size 1</p>	 <p>TE Part #1658670-1 D-Sub Connector Contacts: Pin, Brass, Signal, Size 22</p>	 <p>TE Part #1-320551-2 PIDG RING TONGUE TERMINALS</p>	 <p>TE Part #1-770904-0 MINI UMNL SOK 22-18 AWG AU</p>
 <p>TE Part #1-5225661-2 SERIES N PLUG TR</p>	 <p>TE Part #1060875-1 50 OHM MCX CABLE PLUG (NICKEL)</p>	 <p>TE Part #1-770003-0 UMNL II PIN DUPLX AUSN/NI/PHBZ</p>	 <p>TE Part #1060875-2 MCX CABLE PLUG, CRIMP ATTACH</p>



Documents

Product Drawings

COMM BNC PLUG

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-5227079-9_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-5227079-9_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-5227079-9_D.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

BNC Connectors

English

Product Specifications

Product Specification

English

Plug, Coaxial, Commercial BNC

English

Product Environmental Compliance

[MD_1-5227079-9_04032018932_dmtec](#)

English

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English