



TE Internal #: 2-5330061-1

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: **RG 174, RG 188**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 174, RG 188
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
Cable Connector Orientation	Straight



Body Material	Brass
Body Plating Material	Silver

Contact Features

RF Connector Center Contact Underplating Material	Nickel
	889 μin
Crimp Type	Single
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
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

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

Operating Temperature Range	-65 – 165 °C[-85 – 329 °F]
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Operation/Application

Operating Frequency	4 GHz
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Packaging Features

Packaging Method	Bag
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Other

Grade	Military
Coupling Nut Base Material	Brass
Dielectric Material	PTFE

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	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>

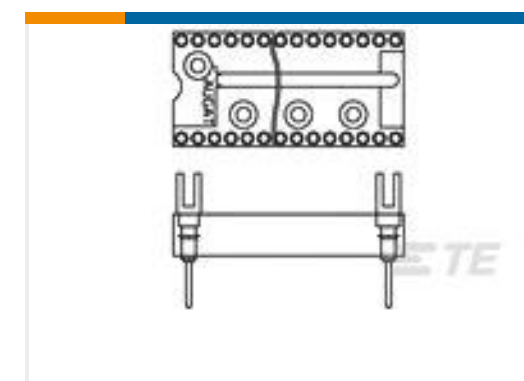
Compatible Parts

 TE Part # CAT-076-BNCPK2GMG BNC RF Connector: Plug Kit, Straight, 2 GHz, Military Grade	 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-BNCVTBAY BNC Vertical Male (Jack) RF Connector, 50 Ohm, Bayonet Coupling Mechanism
 TE Part # 5228226-1 BNC BLKHD JACK ADAPTER GOLD	 TE Part # 5228226-3 BNC BLKHD JACK ADAPTER GOLD	 TE Part # 5225395-1 BNC PLUG DUAL CRIMP RG58,A,B,C	 TE Part # 5227426-1 BNC BLKHD RECPT SEALED



 TE Part # 5227079-5 COMM BNC PLUG	 TE Part # 5225398-7 BNC DUAL CRIMP JACJ	 TE Part # 1-5221128-0 PLUG,COMMERCIAL BNC	 TE Part # 1-5225398-5 DUAL CRIMP BNC BLKHD JACK
 TE Part # 5225395-7 BNC PLUG DUAL CRIMP RG174,188	 TE Part # 5225395-6 BNC PLUG DUAL CP RG142	 TE Part # 8-5227079-2 COMM BNC PLUG	 TE Part # 330876 BNC PLUG
 TE Part # 1058016-1 3252 1201 10	 TE Part # 2-5225395-0 BNC PLUG DUAL CRIMP TR	 TE Part # 225398-7 BNC DUAL CRIMP JACJ	 TE Part # 225398-8 BNC JCK DUAL CRMP RG179,187

Customers Also Bought

 TE Part #2-329444-1 BNC RF Connector: Plug Kit, Straight, 4 GHz, Military Grade	 TE Part #1-1825138-5 A201P3ZQ04	 TE Part #1676697-2 RN 0805 43R2 0.1% 10PPM 1K RL	 TE Part #2-1419130-1 TSC-112D3H,000
 TE Part #2-5329445-1 BNC RF Connector: Plug Kit, Straight, 2 GHz, Military Grade	 TE Part #1053514-1 2080 5055 02	 TE Part #NB13612001 RNF-100-3/8-CL-STK	 TE Part #2-1437515-0 614-CG1=ADAPTOR PLUG ASSY



Documents

Product Drawings

BNC PLUG

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_2-5330061-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_2-5330061-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_2-5330061-1_A.3d_stp.zip

English

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Datasheets & Catalog Pages

BNC Connectors

English