



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 58, RG 58A, RG 58B, RG 58C**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 58, RG 58A, RG 58B, RG 58C
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	50 Ω
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Body Features

Body Insulation	Without
Body Shape	Circular
Cable Connector Orientation	Right Angle



Body Material	Brass
Body Material Finish	Plated
Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Nickel
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
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	Carton
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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	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
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: JUL 2017 (174) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Bromine/Chlorine - Br and Cl < 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

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 # 2-5221128-1 PLUG,COMMERCIAL BNC	TE Part # 5225395-1 BNC PLUG DUAL CRIMP RG58,A,B,C	TE Part # 5227426-1 BNC BLKHD RECPT SEALED	TE Part # 5-1634500-2 BNC Str Plg Hex 50Ohm Nickel Pltd RG58C/



 TE Part # 5413959-1 PLUG RTANG BNC HEX 50 OHM	 TE Part # 5413959-3 BNC HEX RT ANG PLUG 50 OHM	 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 # 5228980-5 JACK,BULKHEAD,COM'L,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 # 5227079-7 COMM. BNC-PLUG	 TE Part # 1-5227079-9 COMM BNC PLUG

Customers Also Bought

 TE Part #1393481-5 D-Sub Plug Assembly: Eurostyle, Right Angle, Shell Size 1, 2.74mm	 TE Part #1-480319-0 02P CMNL CAP HSG NATL	 TE Part #1-2176090-7 RP 1J 0.166W 191K 0.1% 25PPM 1K RL	 TE Part #1532213-1 M83513/01-EN, MCKS-N1-B-31PS
 TE Part #1-608036-4 SILICONE FUSION TAPE,1\"X15'	 TE Part #1-2198617-5 Ni Plated Plastic Backshell, 15 Way, Str	 TE Part #203618-1 MALE J.S. ASSY. - SHORT	 TE Part #203540-1 GROUNDING CONN,14 POS



Documents

Product Drawings
PLUG, RT ANGLE, DUAL CRIMP BNC
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_225974-1_R.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_225974-1_R.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_225974-1_R.3d_stp.zip
English

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Product Specifications
Product Specification
English
Product Specification
English