



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 141, 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 141, RG 58, RG 58A, RG 58B, RG 58C
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
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Body Plating Material	Nickel
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Contact Features

RF Connector Center Contact Underplating Material	Nickel
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1080 μin

Crimp Type	Dual
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RF Connector Center Contact Plating Material	Gold
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RF Connector Center Contact Material	Brass
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

RF Connector Coupling Mechanism	Bayonet
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Connector Mounting Type	Cable Mount (Free-Hanging)
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RF Contact Captivation Method	Mechanical
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Detent	With
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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 Quantity	100
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Packaging Method	Box & Carton
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Other

Grade	Commercial
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Dielectric Material	Polyethylene
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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
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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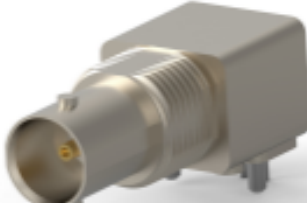


China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (3.7% in component) Article Safe Usage Statements: Do not eat, drink 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-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-BNCJKRA752 BNC RF Connector: Male (Jack), Right-angle, 75 Ohm, 2 Ghz	 TE Part # CAT-076-BNCJK4GMG BNC RF Connector Jack Kit, 50 Ohm, 4 Ghz, Military Grade



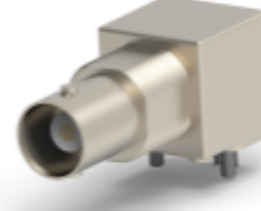
TE Part # CAT-076-BNCJKSH50
BNC RF Connector: Male (Jack)
assembly - short, 50 Ohm, 4Ghz



TE Part # 5228226-1
BNC BLKHD JACK ADAPTER GOLD



TE Part # 1-1337543-0
BNC Ins R/A PCB Skt 50Ohm White



TE Part # 1-1337494-0
BNC R/A Shld PCB Skt 50Ohm Nickel
Pltd



TE Part # 5228226-3
BNC BLKHD JACK ADAPTER GOLD



TE Part # 2-5221128-1
PLUG,COMMERCIAL BNC



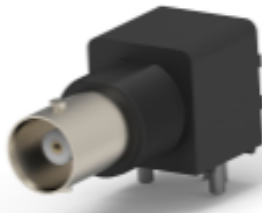
TE Part # 5222117-1
ADAPTER,JACK,BHD,75 OHM,BNC



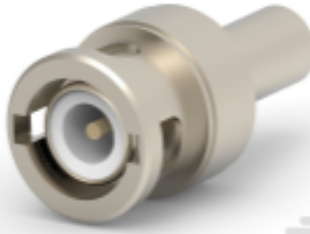
TE Part # 5225395-1
BNC PLUG DUAL CRIMP RG58,A,B,C



TE Part # 5413589-8
KIT,PLUG,COML BNC,HEX CRP



TE Part # 1-1634612-0
BNC Ins R/A PCB Skt 50Ohm Black



TE Part # 5-1634500-2
BNC Str Plg Hex 50Ohm Nickel Pltd
RG58C/

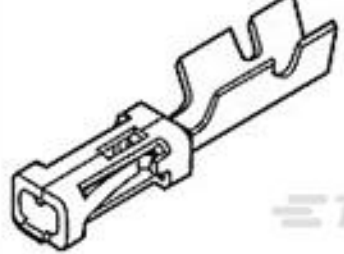


TE Part # 5-1634503-1
BNC Str PCB Skt 50Ohm Nickel Pltd

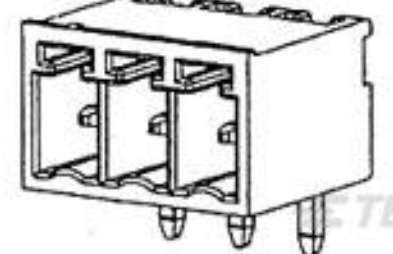
Customers Also Bought



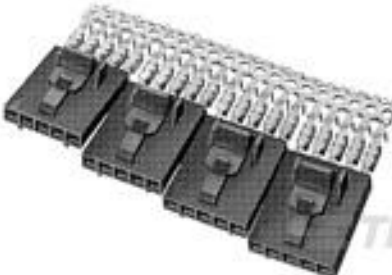
TE Part #1658622-8
34 NOVO MIL/CTR 30DP,LEAD FREE



TE Part #87809-1
MOD V RECP PLTD 30 AU



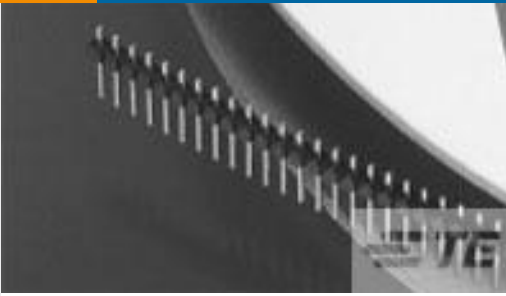
TE Part #1-284512-0
10 POS TERMI-BLOK HDR 900 POLA



TE Part #103957-3
5X4 MTE RCPT SR LATCH .100CL



TE Part #1-1879128-4
RN 0402 604R 0.1% 10PPM 1K RL



TE Part #146858-1
B/A REELED SRST HDR ASSY 15 AU



TE Part #1658641-2
D-Sub Crimp: Plug, Signal, 50 Posn,
Pin Size 20, Shell Size 5



TE Part #1-5227079-6
COMM BNC PLUG



Documents

Product Drawings

COMM BNC PLUG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5227079-5_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5227079-5_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5227079-5_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

Product Environmental Compliance

MD_5227079-5_03132014439_dmtec

English

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