



TE Internal #: 5225398-3

RF Connectors, BNC RF Interface, Jack, 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: **Jack**

RF Connector Mated Outer Diameter (Approximate): **14.53 mm [.572 in]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 223, RG 55, RG 55A, RG 55B**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Jack
Compatible With RF Cable Type	RG 223, RG 55, RG 55A, RG 55B
Connector System	Cable-to-Panel
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 μin
Crimp Type	Dual
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Attachment Style	Rear Mount
RF Connector Coupling Mechanism	Snap-Fit
Connector Mounting Type	Panel Mount
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	-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	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	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 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 # 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 # 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	 TE Part # 330876 BNC PLUG

Customers Also Bought

 TE Part #0462-209-16141 DEUTSCH SOLID CONTACTS	 TE Part #106443-000 TXR40AB00-1408AI	 TE Part #1-5225398-5 DUAL CRIMP BNC BLKHD JACK	 TE Part #1-117169-3 CARD GUIDE ECON I
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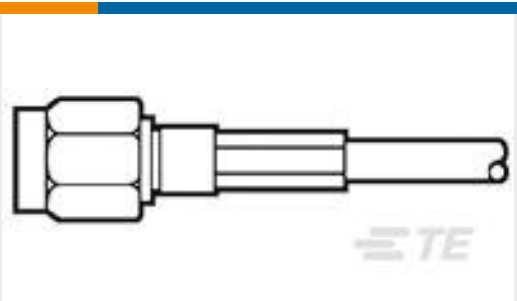
TE Part #HDP26-24-21SE
DEUTSCH HDP20 HOUSINGS



TE Part #114017-ZZ
DEUTSCH SEALING PLUGS



TE Part #092965-000
ST18-5-55-22-5



TE Part #1-5447647-0
PLUG. SMA. HEX CRIMP COMM



TE Part #1-87160-1
10 MODI HDR SRST .156CL



TE Part #1-87633-0
10 MODI HDR SRST .156CL

Documents

Product Drawings

BNC BJK DUAL CP RG55,223

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5225398-3_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_5225398-3_O.3d_igs.zip

English

Customer View Model

ENG_CVM_5225398-3_O.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