



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 223, RG 55, RG 55A, RG 55B**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 223, RG 55, RG 55A, RG 55B
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	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Nickel
	889 μin
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	Box
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Other

Grade	Military
Coupling Nut Base Material	Brass
Dielectric Material	Fluoropolymer

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: JUN 2016 (169) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

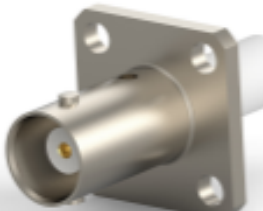
Product Compliance Disclaimer

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.

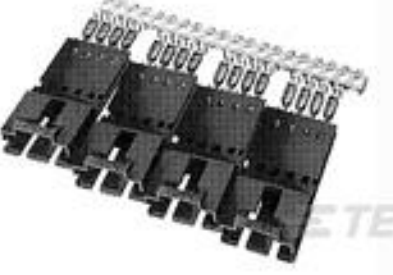
Compatible Parts

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-BNCVTBAY BNC Vertical Male (Jack) RF Connector, 50 Ohm, Bayonet Coupling Mechanism	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 # 2-5330061-1 BNC PLUG	 TE Part # 225974-1 PLUG, RT ANGLE, DUAL CRIMP BNC
 TE Part # 5221198-1 JACK,VERT,PCB,TWIN BNC	 TE Part # 5225395-8 BNC PLUG DUAL CRIMP RG179, 187	 TE Part # 5225396-1 BNC JACK DUAL CP RG58,A,B,C	 TE Part # 5225396-7 BNC JACK DUAL CP RG174,188

Customers Also Bought

 TE Part #T4131512041-000 M12 Panel Mount Solder Cups	 TE Part #1658614-3 IDC D-Sub: Receptacle Assembly, Low Profile, Signal, 2.77 mm	 TE Part #2-320570-3 PIDG BUTT SPLICES	 TE Part #1757819-7 AMPLIMITE,ASY,PLUG,STD,109,ZN,2, CT
 TE Part #1757820-6 AMPLIMITE,ASY,RCPT,STD,109,ZN,1, CT	 TE Part #1757819-6 AMPLIMITE,ASY,PLUG,STD,109,ZN,1, CT	 TE Part #103945-5 2X6 MTE SHRD PIN SR LATCH .100	 TE Part #1-201692-9 CTR. FASTENER PLUG BLOCK-104



Documents

Product Drawings

BNC PLUG DUAL CP RG55,223

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5225395-3_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5225395-3_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5225395-3_B.3d_stp.zip

English

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Datasheets & Catalog Pages

BNC Connectors

English

Product Specifications

Product Specification

English

Instruction Sheets

COAXICON 50-Ohm RF Series BNC Plug Connectors 225395-(), 225886-(), and 331350-()

English

Instruction Sheet (U.S.)

English