



Connectors > RF Connectors > Coax 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

Connector Seal & Plug Type	Gasket
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

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Cable Connector Orientation	Straight
Body Material	Brass
Body Plating Material	Nickel



Contact Features	
Crimp Type	Dual Crimp
RF Connector Center Contact Underplating Material	Nickel
	889 µin
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Brass
Termination Features	
Termination Method to Wire & Cable	Crimp
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]
Usage Conditions	
Insulation Option	Uninsulated
Operation/Application	
Operating Frequency	4 GHz
Packaging Features	
Packaging Method	Box
Other	
Coupling Nut Base Material	Brass
Grade	Military
Dielectric Material	Fluoropolymer
Product Compliance	
For compliance documentation, visit the product page on TE.com>	
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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 # 5225398-1 BNC DUAL CRIMP RG58, A,B,C	TE Part # 5225395-8 BNC PLUG DUAL CRIMP RG179, 187	TE Part # 5414105-1 JACK,ADAPTER,BHD,ISOLATED BNC	TE Part # 69478-1 DAHT COAXICON RF RG55B ASSY
TE Part # 8-5227079-2 COMM BNC PLUG	TE Part # 1-5221128-0 PLUG,COMMERCIAL BNC	TE Part # 5225398-7 BNC DUAL CRIMP JAC,J	TE Part # 1-5227079-6 COMM BNC PLUG



TE Part # 5228686-1

TWIN BNC PCB RCPT



TE Part # 5222420-1

JACK, VERT, PCB, COML BNC



TE Part # 5225395-1

BNC PLUG DUAL CRIMP RG58,A,B,C



TE Part # 5330876

BNC PLUG



TE Part # 1-5225398-5

DUAL CRIMP BNC BLKHD JACK



TE Part # 5225395-6

BNC PLUG DUAL CP RG142



TE Part # CAT-076-BNCPK4GMG

BNC RF Connector: Plug Kit, Straight, 4 GHz, Military Grade



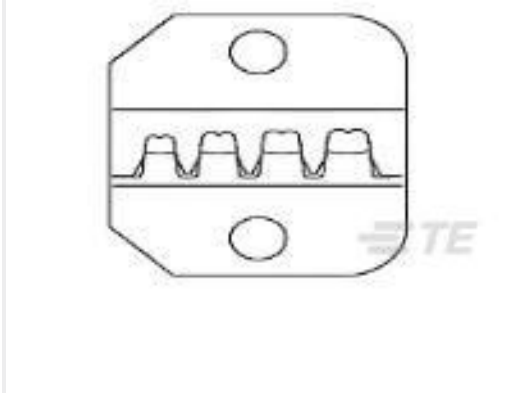
TE Part # 5332342

TWIN BNC BHD JACK TEF



TE Part # 2-5330061-1

BNC PLUG



TE Part # 220189-3

BNC CRIMPING DIE FOR COMM TOOL



TE Part # 5225396-7

BNC JACK DUAL CP RG174,188



TE Part # 5227426-1

BNC BLKHD RECPT SEALED

Customers Also Bought



TE Part #225555-6

TNC PLUG DUAL W/P TR



TE Part #1-480273-0

06P CMNL PLUG HSG P/M NATL



TE Part #207018-1

METRIMATE RCPT 12 POS



TE Part #225973-4

PLUG, RT ANGLE, DUAL CRIMP,BNC



TE Part #225555-2

TNC PLUG DUAL W/P TR



TE Part #225554-6

TNC RT ANG PLUG DUAL W/P

Documents



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

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

Instruction Sheets

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

English

Instruction Sheet (U.S.)

English