



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 179, RG 187**

Features

Product Type Features

Connector Seal & Plug Type	Gasket
RF Interface	BNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 179, RG 187
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
-----------	------

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
Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

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 with Exemptions
EU ELV Directive 2000/53/EC	Out of Scope



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 2025 (247) Candidate List Declared Against: JAN 2024 (240) 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	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 # 1-134989-1 PRISE FEMELLE DROI	 TE Part # CAT-076-BNC.JK4GMG BNC RF Connector Jack Kit, 50 Ohm, 4 Ghz, Military Grade	 TE Part # 5225398-1 BNC DUAL CRIMP RG58, A,B,C	 TE Part # 5414105-1 JACK,ADAPTER,BHD,ISOLATED BNC
 TE Part # 8-5227079-2 COMM BNC PLUG	 TE Part # 5330876 BNC PLUG	 TE Part # 1-1337406-0 N Str Jk PS 50Ohm Silver Pltd PSF 1 /4M,	 TE Part # 1-5225398-5 DUAL CRIMP BNC BLKHD JACK



TE Part # 5225395-6
BNC PLUG DUAL CP RG142



TE Part # 330024
BNC BHD JACK ADAPTER



TE Part # 220026-1
DIES BNC TNC RF CONN RG-174 DIE SET



TE Part # 4-5225395-2
PLUG,DUAL CRIMP, BNC



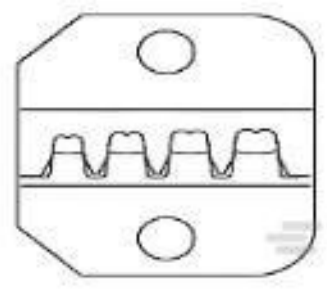
TE Part # 1-5221128-0
PLUG,COMMERCIAL BNC



TE Part # 5225398-7
BNC DUAL CRIMP JACJ



TE Part # 5225395-5
BNC PLUG DUAL CP RG141



TE Part # 1424050-1
PREMIUM SDE DIE BNC



TE Part # 1-5227079-6
COMM BNC PLUG



TE Part # 228226-1
BNC BLKHD JACK ADAPTER GOLD



TE Part # 5228686-1
TWIN BNC PCB RCPT



TE Part # 5222420-1
JACK, VERT, PCB, COMML BNC

Customers Also Bought




TE Part #745253-2
20 DF SCKT CONT,PLTD



TE Part #9-1437621-9
KLN500B1/8=KNOB KNURL W/IND LI



TE Part #1776088-1
CMC RECEPT ASSY,SIZE 28-16



TE Part #1617754-3
FCA-410-1522M=M83536/15-022M



TE Part #1658647-1
KIT,HDP-20,OVRMLD,PLUG,SIZE 2,



TE Part #3234330001
RPS-1K-16-10/2.0-4



TE Part #D369-R66-AS0
369 6 WAY REC, NO CONTACTS, SKT



TE Part #NB-PTCO-005
Pt100, 2.0x2.3, Class C, PTFC101C1G0



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5225395-8_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5225395-8_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5225395-8_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