



AMP | BNC

TE Internal #: 1-5227079-6

BNC Connector, Plug, 50 ohm, Bayonet, 4 GHz, Cable-to-Cable, 1 Position, Sealable, Wire & Cable, Cable Mount (Free-Hanging), BNC

[View on TE.com >](#)

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**

RF Connector Coupling Mechanism: **Bayonet**

## Features

### Product Type Features

Connector Seal & Plug Type	Gasket
Connector Shape	Circular
RF Interface	BNC
RF Connector Style	Plug
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

Body Material	Brass
---------------	-------



Body Plating Material	Nickel
-----------------------	--------

### Contact Features

	762 $\mu$ m
Crimp Type	Dual Crimp
RF Connector Center Contact Underplating Material	Nickel
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

### Housing Features

Body Orientation	Straight
------------------	----------

### 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 Range	4 GHz
---------------------------	-------

### Packaging Features

Packaging Method	Carton
------------------	--------

### Other

Coupling Nut Base Material	Brass
Grade	Commercial
Dielectric Material	Polyethylene

## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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	<p>Current ECHA Candidate List: JUNE 2025 (250)</p> <p>Candidate List Declared Against: JUNE 2025 (250)</p> <p>SVHC &gt; Threshold:</p> <p>Pb (3.7% in 74019106)</p> <p><b>Article Safe Usage Statements:</b> 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.</p>
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-BNCRABAY  
BNC RF Connector: Male (Jack), Right Angle



TE Part # CAT-076-BNCJKRA75C  
BNC RF Connector: Jack, Right-Angle, 75 Ohm



TE Part # 5413515-2  
JACK, DECOUPLER, RTANG, BNC PCB




TE Part # 5221221-5  
JACK BLKHD 75OHM BNC



TE Part # 5414105-1  
JACK,ADAPTER,BHD,ISOLATED BNC



TE Part # 6274291-2  
JACK,VERT,PCB,75OHM,BNC



TE Part # 6274291-1  
JACK,PCB,COML BNC, 75OHM



TE Part # 6274315-1  
BNC JACK, NONSWITCHING



TE Part # 2-329082-1  
BNC PLUG KIT POLYPROP



TE Part # 5227079-1  
COMM BNC PLUG



TE Part # 5413959-3  
BNC HEX RT ANG PLUG 50 OHM



TE Part # 5225395-8  
BNC PLUG DUAL CRIMP RG179, 187



TE Part # 5225398-1  
BNC DUAL CRIMP RG58, A,B,C



TE Part # 5414651-3  
JACK,DECOUP,LOW PROFILE,ESD, BNC



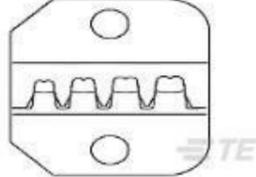
TE Part # 228226-1  
BNC BLKHD JACK ADAPTER GOLD



TE Part # 2-5330058-1  
BNC PLUG POLYPROP



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



TE Part # 1424050-1  
PREMIUM SDE DIE BNC

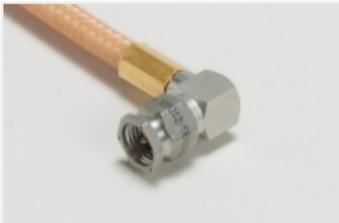


TE Part # 2-329092-1  
BNC BHD JACK KIT

Also in the Series | **BNC**



Coax Connectors(163)



RF Cable Assemblies(25)



RF Terminators(1)

Customers Also Bought



TE Part #956012-000  
SO96-5-00



TE Part #1-456401-6  
CRIMPER, WIRE .042 "F"



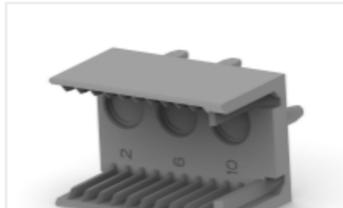
TE Part #5-532955-8  
50 MODII 2PC CE RCPT ASSY, RoH



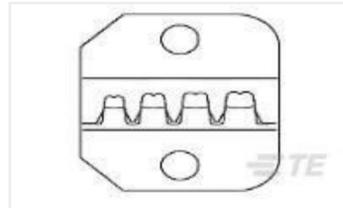
TE Part #1-640388-1  
11P MTA156 HDR ASSY RN STR F/L



TE Part #643416-1  
04P UMNL HDR ASSY POL 94VO



TE Part #646703-1  
2MM HM, HOUSING, TYPE N



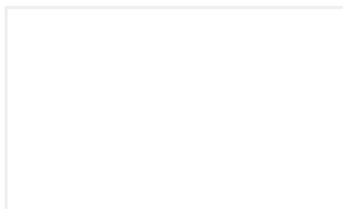
TE Part #1424050-1  
PREMIUM SDE DIE BNC



TE Part #2-1803125-5  
CRIMPER, WIRE, F NON-TYPICAL RK  
VALUES



TE Part #9-2119784-5  
CRIMPER INSULATION O PREMIUM



TE Part #C857253001  
CLFH-316CK0135

## Documents

### Product Drawings

#### COMM BNC PLUG

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-5227079-6\\_D.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-5227079-6\\_D.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-5227079-6\\_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