5221185-1

BNC

TE Internal #: 5221185-1

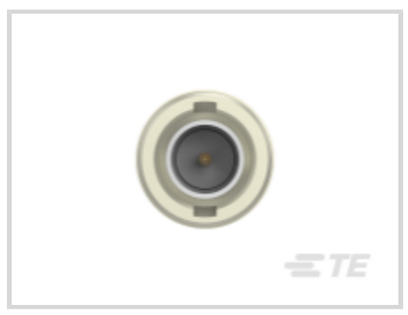
TE Internal Description: PLUG 75 OHM COML BNC

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: **75 Ω**

RF Connector Coupling Mechanism: **Bayonet**

Features

Product Type Features

Connector Shape	Circular
RF Interface	BNC
RF Connector Style	Plug
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	75 Ω

Body Features

Body Material	Die Cast Zinc
Body Plating Material	Nickel

Contact Features

	1080 µin
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

Operation/Application

Operating Frequency Range	2 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>

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: JUNE 2025 (250) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
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 # 2-329082-1
BNC PLUG KIT POLYPROP



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



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



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



TE Part # 5221221-5
JACK BLKHD 75OHM BNC



TE Part # 5227079-1
COMM BNC PLUG



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



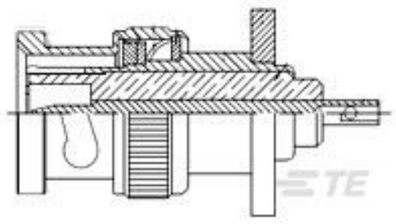
TE Part # 5221244-1
SOLDER RCPT,75 OHM,COML BNC



TE Part # 5414217-1
BNC SOLDER RCPT



TE Part # 5227079-5
COMM BNC PLUG



TE Part # 1-1478052-0
BNC Pnl Plg 75Ohm Silver Pltd



TE Part # 5221128-1
PLUG,COMMERCIAL BNC



TE Part # 5225395-1
BNC PLUG DUAL CRIMP RG58,A,B,C

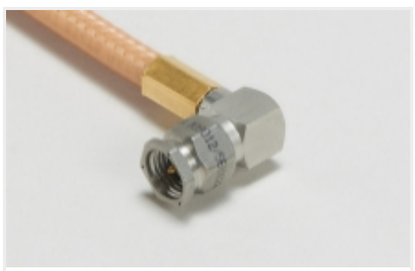


TE Part # 5222132-1
JACK,VERTICAL,PCB,75 OHM,BNC

Also in the Series | BNC



Coax Connectors(163)



RF Cable Assemblies(25)

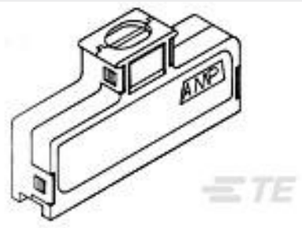


RF Terminators(1)

Customers Also Bought



TE Part #229968-1
COVER,DUST,PLUG,BLUE,CHAMP



TE Part #552082-1
180 DEG COVER KIT 64 POS



TE Part #1-750877-9
100 50SR TERMINATOR COVER



TE Part #1658537-1
SOCKET CONT DUPL PLT STRIP HD-



TE Part #5229912-1
KIT, PLUG, 50 POS,B SLOT C/LOK



TE Part #5229913-1
KIT, RCPT, 50 POS, B SLOT



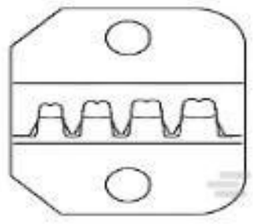
TE Part #5748676-2
DIE CAST CBL CLMP KIT,SZ 2



TE Part #5749111-6
68 50SR CABLE PLUG ASSY



TE Part #5750752-1
68 50SR BKSHELL KIT W/BOOT



TE Part #58436-3
DIE,COAX 151/178X068HEX IS9657

Documents

Product Drawings

PLUG 75 OHM COML BNC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5221185-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5221185-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5221185-1_A.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

Connector, Coaxial, 75 Ohm BNC Series, Commercial & Dual Crimp Types

English

Product Specification

Japanese

Instruction Sheets

Instruction Sheet (U.S.)

English