



BNC

TE Internal #: 2486506-1
BNC Connector, Plug, 50 ohm, RG 179U Compatible With RF Cable Type, Bayonet, 1 GHz, Cable-to-Cable, 1 Position, Wire & Cable, BNC

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Connectors > RF Connectors > Coax Connectors



RF Interface: **BNC**
RF Connector Style: **Plug**
RF Connector Mated Outer Diameter (Approximate): **14.5 mm [.57 in]**
Impedance: **50 Ω**
Compatible With RF Cable Type: **RG 179U**

Features

Product Type Features

RF Interface	BNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 179U
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	50 Ω
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Body Features

Body Material	Brass
Body Material Finish	Plated



Body Plating Material	Silver
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Contact Features

Ferrule Plating Material	Silver
Ferrule Material	Brass
Crimp Type	Hexagonal Crimping
RF Connector Center Contact Plating Thickness	.762 μm[30 μin]
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Brass

Termination Features

Termination Method to Wire & Cable	Clamp
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Mechanical Attachment

RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Mechanical

Housing Features

Body Orientation	Straight
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Dimensions

RF Connector Mated Outer Diameter (Approximate)	14.5 mm[.57 in]
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Usage Conditions

Operating Temperature Range	-40 – 165 °C[-40 – 329 °F]
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Operation/Application

Operating Frequency Range	1 GHz
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Packaging Features

Packaging Method	Bag/Carton
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Other

Dielectric Material	Polytetrafluoroethylene (PTFE)
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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	Not Yet Reviewed

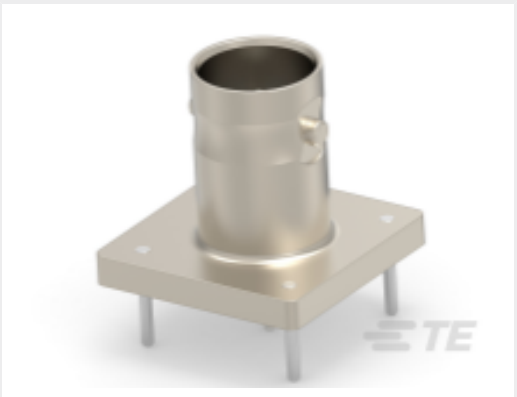


China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (4% in Component Part) Article Safe Usage Statements: 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	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not reviewed 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 # 2466268-1 BNC JACK RA PCB MNT NICKEL 3 GHZ 75 OHM	 TE Part # 6274359-1 JACK, VERT,PCB,75 OHM,BNC	 TE Part # 1-1478048-0 BNC Ins BHSkt 75Ohm Nickel Gold Pltd	 TE Part # 2476057-1 BNC Jack Str PCB Mnt Thru Hole 75 Ohm
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Also in the Series | BNC



Customers Also Bought



Documents

Product Drawings

BNC M Str Crimp RG-161, 179, 187 75 Ohm

English

CAD Files

Customer View Model

ENG_CVM_CVM_2486506-1_A.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_2486506-1_A.3d_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2486506-1_A.2d_dxf.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[rf-connectors-product-refresh-phase-2](#)

English

Product Specifications

[Product Specification](#)

English