



Connectors > RF Connectors > Coax Connectors > BNC RF Connector: Male (Jack), Right Angle



RF Interface: **BNC**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **14.53 mm [.572 in]**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Bayonet**

[All BNC RF Connector: Male \(Jack\), Right Angle \(31\)](#)

Features

Product Type Features

Connector Shape	Circular
RF Interface	BNC
RF Connector Style	Jack
Connector System	Cable-to-Board, Cable-to-Panel
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
-----------	------

Body Features



Body Material	VALOX
Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Plating Material	Tin
RF Connector Center Contact Material	Phosphor Bronze

Termination Features

Termination Post & Tail Length	4.11 mm[.162 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

PCB Mount Retention	With
Panel Mount Feature Type	Lockwasher and Nut
Panel Attachment Style	Rear Mount
RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	With

Housing Features

Housing Color	White
---------------	-------

Dimensions

Mounting Post Length	3.48 mm[.137 in]
Profile Height from PCB	15.88 mm[.625 in]
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	Tube
------------------	------

Other

Additional Features	Hardware Included
---------------------	-------------------



Grade	Commercial
Dielectric Material	Polymethylpentene

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

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 # 5227426-1 BNC BLKHD RECPT SEALED	 TE Part # 413476-2 JACK, DECOUPLER, PCB, VERT, BNC	 TE Part # 5330876 BNC PLUG	 TE Part # 5413959-3 BNC HEX RT ANG PLUG 50 OHM
--	--	--	--



TE Part # 1-221128-0
PLUG,COMMERCIAL BNC

TE Part # 2-5221128-3
PLUG,COMMERCIAL BNC

TE Part # 5221128-1
PLUG,COMMERCIAL BNC

TE Part # 2-221128-3
PLUG,COMMERCIAL BNC

Customers Also Bought

TE Part #5499923-9
A/L UNIV HDR 40P VERT LG LAT

TE Part #5745967-4
25 RCPT SP/FMS STD

TE Part #5747299-4
15 RCPT SP/FMS STD

TE Part #1825139-8
A203SYCB04

TE Part #1676475-2
RN 0805 9K76 0.1% 10PPM 1KRL

TE Part #1624013-4
SC30-10-2529-10 22UH AMMO 1000

TE Part #284512-3
3 POS TERMI-BLOK HDR 900 POLAR

TE Part #3-2176456-8
CPF 0603 2R43 0.1% 25ppm 1K RL

TE Part #2317171-1
AMPL REC, HD22, VERT, 15P, THREADED

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_227161-1_AV.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_227161-1_AV.3d_igs.zip

English



Customer View Model

[ENG_CVM_CVM_227161-1_AV.3d_stp.zip](#)

English

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

Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English