

2-331350-1 ✓ ACTIVE

AMP | BNC

TE Internal #: 2-331350-1

BNC RF Interface, Plug, 50 ohm, RG 58 / RG 58B / RG 58C,

Bayonet, 4 GHz Operating Frequency, 1 Position, Sealable, Wire & Cable, 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**

Compatible With RF Cable Type: **RG 58C, RG 58, RG 58B, RG 58A**

## Features

### Product Type Features

RF Interface	BNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 58C, RG 58, RG 58B, RG 58A
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector Seal & Plug Type	Interfacial Seal
Connector Shape	Circular

### Dimensions

RF Connector Mated Outer Diameter (Approximate)	14.53 mm[.572 in]
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### Electrical Characteristics

Impedance	50 Ω
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### Mechanical Attachment

RF Connector Coupling Mechanism	Bayonet
RF Contact Captivation Method	Mechanical

### Operation/Application

Operating Frequency	4 GHz
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### Configuration Features

Number of Positions	1
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Number of Coaxial Contacts	1
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### Usage Conditions

Operating Temperature Range	-65 – 165 °C[-85 – 329 °F]
Insulation Option	Uninsulated

### Termination Features

Termination Method to Wire & Cable	Crimp
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### Body Features

Cable Connector Orientation	Straight
Body Material	Brass
Body Material Finish	Plated
Body Plating Material	Silver

### Contact Features

RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Brass
Crimp Type	Dual
RF Connector Center Contact Underplating Material	Copper

### Other

Dielectric Material	PTFE
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions
Coupling Nut Base Material	Brass
Grade	Military

### Packaging Features

Packaging Method	Package
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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	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: 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 # 69727  
ECON BNC COAX RG55 DIE SET




TE Part # 220189-3  
BNC CRIMPING DIE FOR COMM TOOL



TE Part # 69478-1  
DAHT COAXICON RF RG55B ASSY

## Also in the Series | BNC

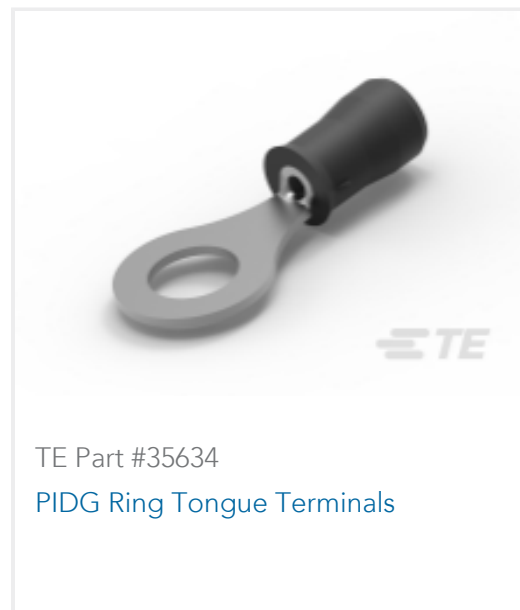


Coax Connectors(8)

## Customers Also Bought



TE Part #5747846-3  
25 MSFL RCPT RA 318 (IN,FM,BL)



TE Part #35634  
PIDG Ring Tongue Terminals



TE Part #DTM06-3S-E004  
PLG, 3P, BLK, N



TE Part #66259-2  
MALE CONTACT ASSY. (L.P.)



TE Part #66741-6  
TYPE XII FEMALE CONT (L.P.)



TE Part #52291  
TERMINAL R PG 8 5/16



TE Part #1-1393219-7  
PE514005



TE Part #1-1337434-0  
BNC RM BHJ Hex 50Ohm Silver Pltd  
RG58C/U

## Documents

### Product Drawings

#### BNC PLUG, PTFE

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-331350-1\\_BR.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-331350-1\\_BR.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-331350-1\\_BR.3d\\_stp.zip](#)

English

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

### Instruction Sheets

[COAXICON 50-Ohm RF Series BNC Plug Connectors 225395-\(\), 225886-\(\), and 331350-\(\)](#)

English

#### Instruction Sheet (U.S.)

English