

1-331693-1 ✓ ACTIVE

[AMP](#) | [AMP BNC](#)

TE Internal #: 1-331693-1

RF Connectors, BNC RF Interface, Jack, 50  $\Omega$ , RG 58B / RG 58C / RG 58, Bayonet, 4 GHz Operating Frequency, 1 Position, Wire & Cable, AMP BNC

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[Connectors](#) > [RF Coax Connectors](#) > [RF Connectors](#)



RF Interface: **BNC**

RF Connector Style: **Jack**

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

Impedance: **50  $\Omega$**

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

## Features

### Product Type Features

Connector Shape	Circular
RF Interface	BNC
RF Connector Style	Jack
Compatible With RF Cable Type	RG 58, RG 58A, RG 58B, RG 58C
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

### Electrical Characteristics

Impedance	50 $\Omega$
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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 Underplating Material	Copper
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Crimp Type	Dual
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

#### Termination Features

Termination Method to Wire & Cable	Crimp
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#### Mechanical Attachment

Panel Attachment Style	Rear Mount
RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical

#### Dimensions

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

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

#### Operation/Application

Operating Frequency	4 GHz
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#### Packaging Features

Packaging Method	Package
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#### Other

Coupling Nut Base Material	Brass
Additional Features	Hardware Included
Grade	Military
Dielectric Material	PTFE

#### 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 2022 (224)



Candidate List Declared Against: JAN 2019 (197)

SVHC > Threshold:

Pb (4% in Contact/Component)

**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 Yet Reviewed for halogen content

Solder Process Capability

Not applicable for solder process capability

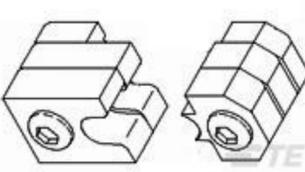
**Product Compliance Disclaimer**

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>

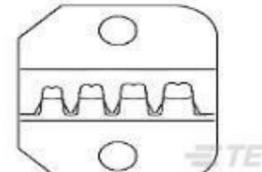
## Compatible Parts



TE Part # 91901-1  
PREMIUM SDE DIE,BNC RG 55B



TE Part # 69727  
ECON BNC COAX RG55 DIE SET



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

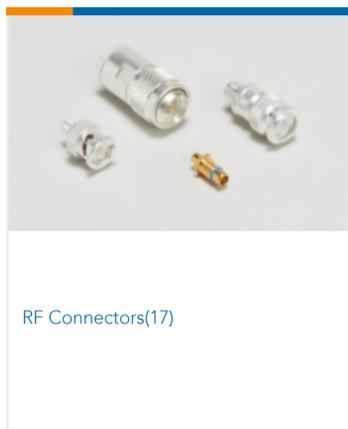


TE Part # 69478-1  
DAHT COAXICON RF RG55B ASSY TOOL



TE Part # 69726  
ECON BNC COAX RG142B DIE SET

Also in the Series | **AMP BNC**



## Documents

### Product Drawings

[BNC BHD JACK, PTFE](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1-331693-1\\_AE.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-331693-1\\_AE.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-331693-1\\_AE.3d\\_stp.zip](#)

English

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

### Instruction Sheets

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

English