

75 Ohm BNC Male Connector Crimp/Solder Attachment for RG59BU, RG62, RG71 Cable



SC6027

Configuration

- BNC Male Connector
- 75 Ohms
- Straight Body Geometry
- Connector Interface Types: RG59BU, RG62, RG71

Features

- Operating Frequency of 1 GHz Max.
- Good VSWR of 1.3:1
- Gold Plated Brass Contact
- 50 μ m minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies
- CATV

Description

75 Ohm BNC Male Standard Connector Crimp/Solder Attachment for RG59BU, RG62 and RG71 Cable, part number SC6027, from Fairview Microwave is in-stock and ships same day. This BNC male connector operates up to a maximum frequency of 1 GHz and offers good VSWR of 1.3:1.

Fairview's 75 ohm BNC male connector SC6027 datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable assemblies for you and ship them same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
VSWR			1.3:1	
Operating Voltage (AC)			500	Vrms
Impedance		75		Ohms

Mechanical Specifications

Size

Length	0.923 in [23.44 mm]
Width	0.571 in [14.5 mm]
Weight	0.025 lbs [11.34 g]

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Material Specifications

Description	Material	Plating
Contact	Brass	Gold 50 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum
Coupling Nut	Brass	Nickel 100 µin minimum

Environmental Specifications

Temperature Operating Range	-65 to +165 deg C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

75 Ohm BNC Male Connector Crimp/Solder Attachment for RG59BU, RG62, RG71 Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [75 Ohm BNC Male Connector Crimp/Solder Attachment for RG59BU, RG62, RG71 Cable SC6027](#)

URL: <https://www.fairviewmicrowave.com/bnc-male-rg59bu-rg62-rg71-connector-sc6027-p.aspx>

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume liability arising out of the use of any part or document.

SC6027 CAD Drawing

75 Ohm BNC Male Connector Crimp/Solder Attachment for RG59BU, RG62, RG71 Cable

