

BNC Male (Plug) Connector For RG58, RG141 Cable, Crimp/Solder

BNC male connector with crimp/solder attachment for RG58 and RG141, part number SC6029, from Fairview Microwave is in-stock and ships same day. This BNC male connector operates up to a maximum frequency of 4 GHz and offers good VSWR of 1.3:1.

Fairview's BNC male connector SC6029 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	Min	Typ	Max	Units
Frequency Range	DC		4	GHz
VSWR			1.3:1	
Operating Voltage (AC)			500	Vrms
DWV (AC)			1,500	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size	
Length	1.1 in [27.94 mm]
Weight	0.024 lbs [10.89 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold ASTM B488
Insulation	Teflon	
Body	Brass	Nickel SAE-AMS-QQ-N290
Coupling Nut	Brass	Nickel SAE-AMS-QQ-N290

Environmental Specifications

Temperature	
Operating Range	-65 to +165 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:



Configuration:

- BNC Male Connector
- 50 Ohms
- Straight Body Geometry
- RG58, RG141 Interface Type
- Crimp/Solder Attachment

Features:

- Operating Frequency of 4 GHz Max.
- Good VSWR of 1.3:1
- Gold Plated Brass Contact
- Contact plating according to ASTM B488

Applications:

- General Purpose Test
- Custom Cable Assemblies

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BNC Male (Plug) Connector For RG58, RG141 Cable, Crimp/Solder 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.

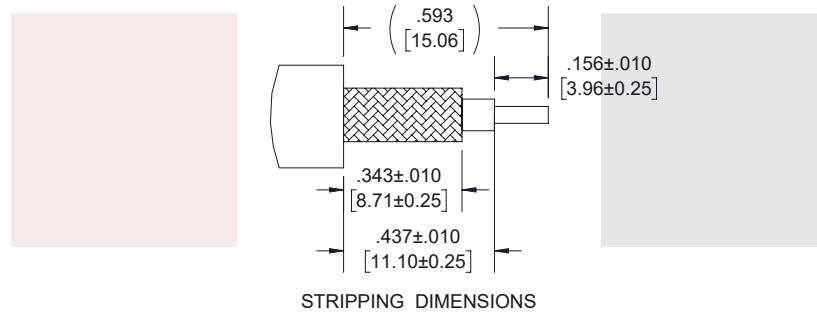
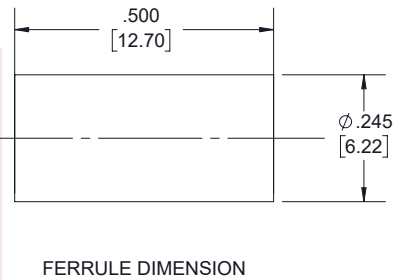
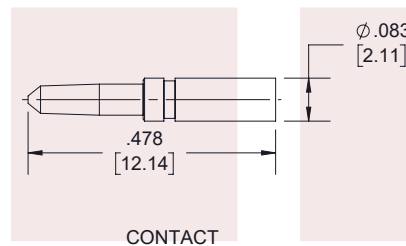
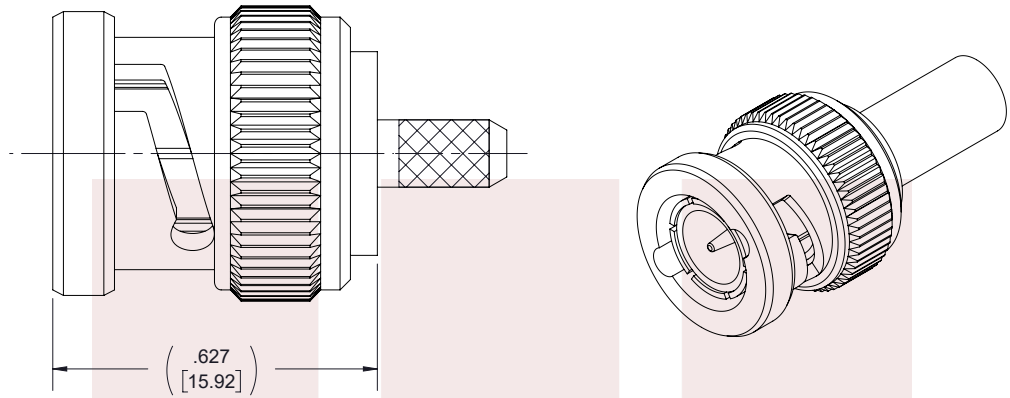
For additional information on this product, please click the following link: [BNC Male \(Plug\) Connector For RG58, RG141 Cable, Crimp/Solder SC6029](#)

URL: <https://www.fairviewmicrowave.com/bnc-male-standard-rg58-rg141-connector-sc6029-p.aspx>

The information contained in 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 any liability arising out of the use of any part or documentation.



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
B	SC6029 2022053	07/27/2022	AMARG



CRIMP SIZE REQUIRED

CONTACT: .068" HEX CRIMP TOOL
 FERRULE: .213" HEX CRIMP TOOL

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TITLE
 BNC Male (Plug) Connector For RG58, RG141 Cable,
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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES
 DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:		CABLE LENGTH (L) TOLERANCES:	
.X = ±.2 [5.08]	FRACTIONS ± 1/32	L ≤ 12 [305] = +1 [25] / -0	
.XX = ±.02 [.51]		12 [305] < L ≤ 60 [1524] = +2 [51] / -0	
.XXX = ±.005 [.13]	ANGLES ± 1°	60 [1524] < L ≤ 120 [3048] = +4 [102] / -0	
		120 [3048] < L ≤ 300 [7620] = +6 [152] / -0	
		300 [7620] < L = +5%L / -0	

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE N/A

SIZE A	CAGE CODE 3FKR5	DRAWN BY WZHANG	ITEM NO. SC6029	REV B
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