

**BNC Male Connector Clamp/Solder Attachment For
 RG55, RG58, RG141 Cable**

BNC male connector with clamp/solder attachment for RG55, RG58 and RG141, part number SC6038, 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 excellent VSWR of 1.2:1.

Fairview's BNC male connector SC6038 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			1.2:1	
DWV (AC)			1,500	Vrms

Mechanical Specifications

Size	
Length	1.03 in [26.16 mm]
Weight	0.02954 lbs [13.4 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Silver QQ-S-365
Insulation	PTFE	
Outer Conductor	Brass	Nickel
Body	Brass	Nickel QQ-N-290

Environmental Specifications

Temperature	
Operating Range	-55 to +155 deg C

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

Plotted and Other Data

Notes:



Configuration:

- BNC Male Connector
- 50 Ohms
- Straight Body Geometry
- RG55, RG58, RG141 Interface Type
- Clamp/Solder Attachment

Features:

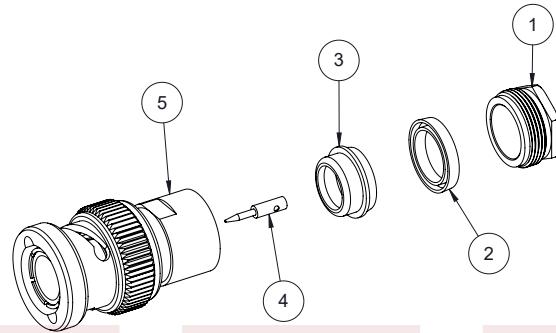
- Operating Frequency of 4 GHz Max.
- Excellent VSWR of 1.2:1
- Silver Plated Brass Contact
- Contact plating according to QQ-S-365

Applications:

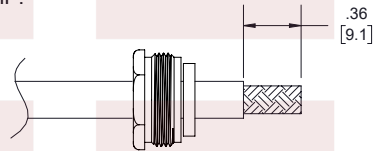
- General Purpose Test
- Custom Cable Assemblies

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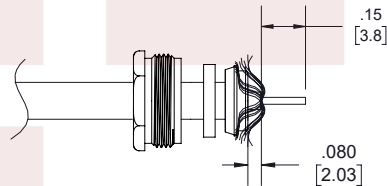
Assembly Instruction



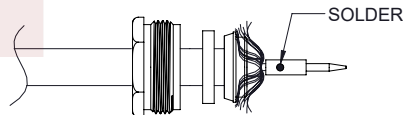
1. SLIDE CLAMP NUT ① & GASKET ② OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF CLAMP.



2. SLIDE BRAID CLAMP ③ OVER BRAID & SEAT AGAINST CABLE. FORM BRAID OVER CLAMP NUT. TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR.



3. SOLDER CONTACT ④ TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC. INSERT CABLE ASSEMBLY INTO BODY ⑤ & TIGHTEN.



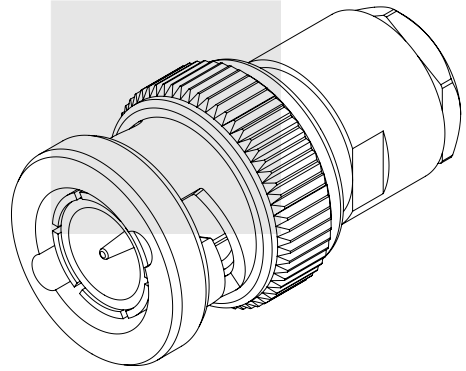
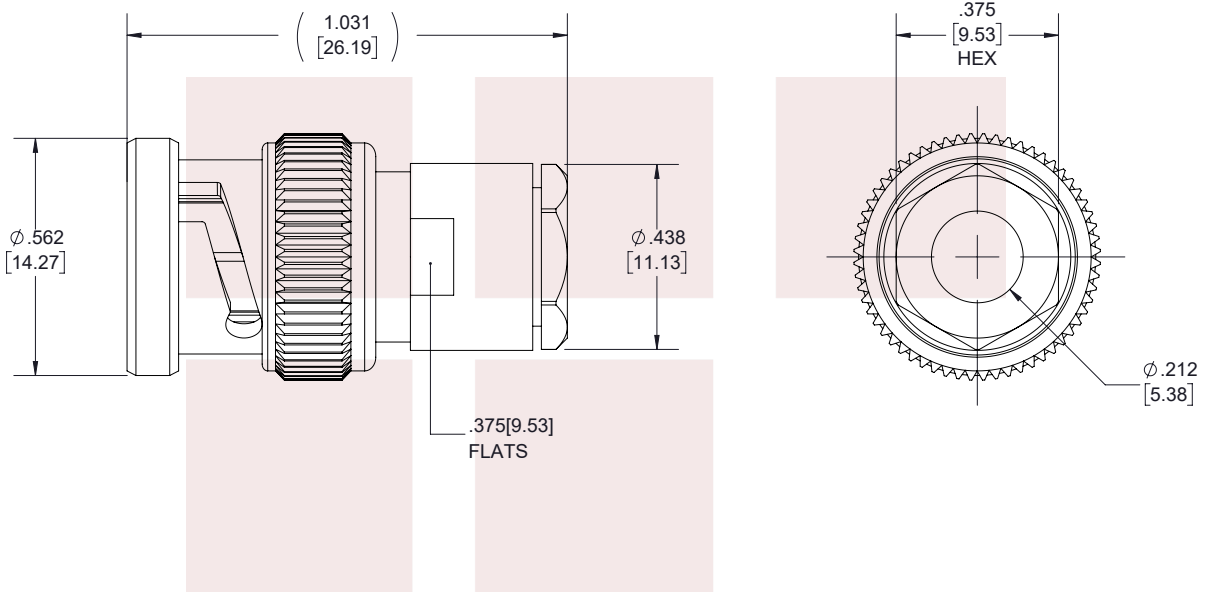
BNC Male Connector Clamp/Solder Attachment For RG55, RG58, RG141 Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [BNC Male Connector Clamp/Solder Attachment For RG55, RG58, RG141 Cable SC6038](#)

URL: <https://www.fairviewmicrowave.com/bnc-male-standard-rg55-rg58-rg141-connector-sc6038-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.





STANDARD TOLERANCES	
.X	±0.2
.XX	±0.01
.XXX	±0.005

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].						
TITLE BNC Male Connector Clamp/Solder Attachment For RG55, RG58, RG141 Cable		DWG NO SC6038		CAGE CODE 3FKR5				
CAD FILE	022618	SHEET	1 OF 1	SCALE	N/A	SIZE	A	7361