

BNC Female Connector Crimp/Solder Attachment For RG316, RG174, RG188, LMR-100A, LMR-100A-FR, 0.100 inch Cable

BNC female connector with crimp/solder attachment for RG316, RG174, RG188, LMR-100A, LMR-100A-FR and 0.100 inch, part number FMCN1352, from Fairview Microwave is in-stock and ships same day. This BNC female connector operates up to a maximum frequency of 1,000 MHz and offers good VSWR of 1.5:1.

Fairview's BNC female connector FMCN1352 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		1,000	MHz
VSWR			1.5:1	
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size	
Length	1.28 in [32.51 mm]
Width/Dia.	0.453 in [11.51 mm]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum
Crimp Sleeve	Brass	Nickel

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 Female Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG316, RG174, RG188, LMR-100A, LMR-100A-FR, 0.100 inch Interface Type
- Crimp/Solder Attachment

Features:

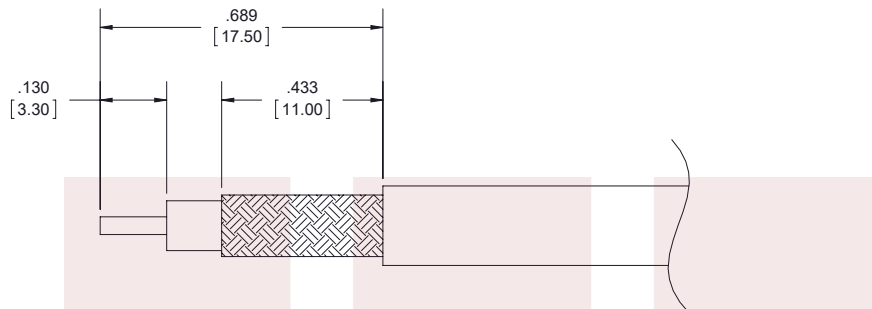
- Operating Frequency of 1,000 MHz Max.
- Good VSWR of 1.5:1
- Gold Plated Brass Contact
- 30 µin minimum contact plating

Applications:

- General Purpose Test
- Custom Cable Assemblies

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Assembly Instruction

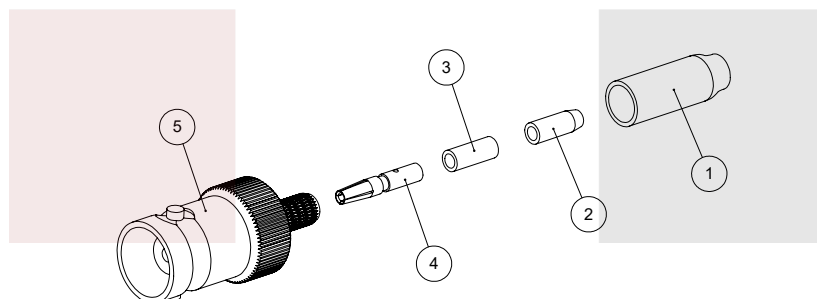


ASSEMBLY PROCEDURES

1. STRIP CABLE TO THE DIMENSIONS SHOWN, DO NOT NICK CENTER CONDUCTOR OR BRAID & SLIDE FERRULE (1) OVER CABLE
2. FLARE END OF CABLE BRAID & SLIDE METAL SPACER (2) & PTFE SPACER (3) OVER CABLE DIELECTRIC.
3. THE CONTACT (4) SHOULD BUTT AGAINST THE DIELECTRIC & PTFE SPACER. CRIMP CONTACT TO CABLE CENTER CONDUCTOR.
4. INSTALL CABLE ASSEMBLY INTO BODY (5) SO THAT THE INNER FERRULE (1) PORTION OF BODY SLIDES UNDER BRAID. PUSH CABLE ASSEMBLY TO FORWARD UNTIL CONTACT SNAPS INTO PLACE. SLIDE FERRULE OVER BRAID AND UP AGAINST CONNECTOR BODY AND CRIMP.

CRIMP SIZE REQUIRED

- CONTACT: .068" HEX CRIMP TOOL.
- FERRULE: .178" HEX CRIMP TOOL.

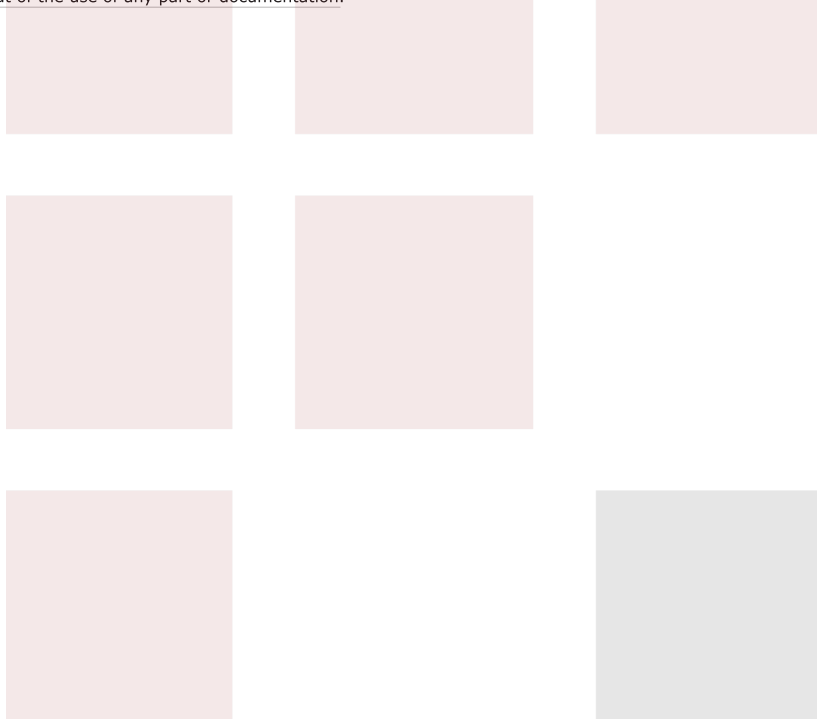


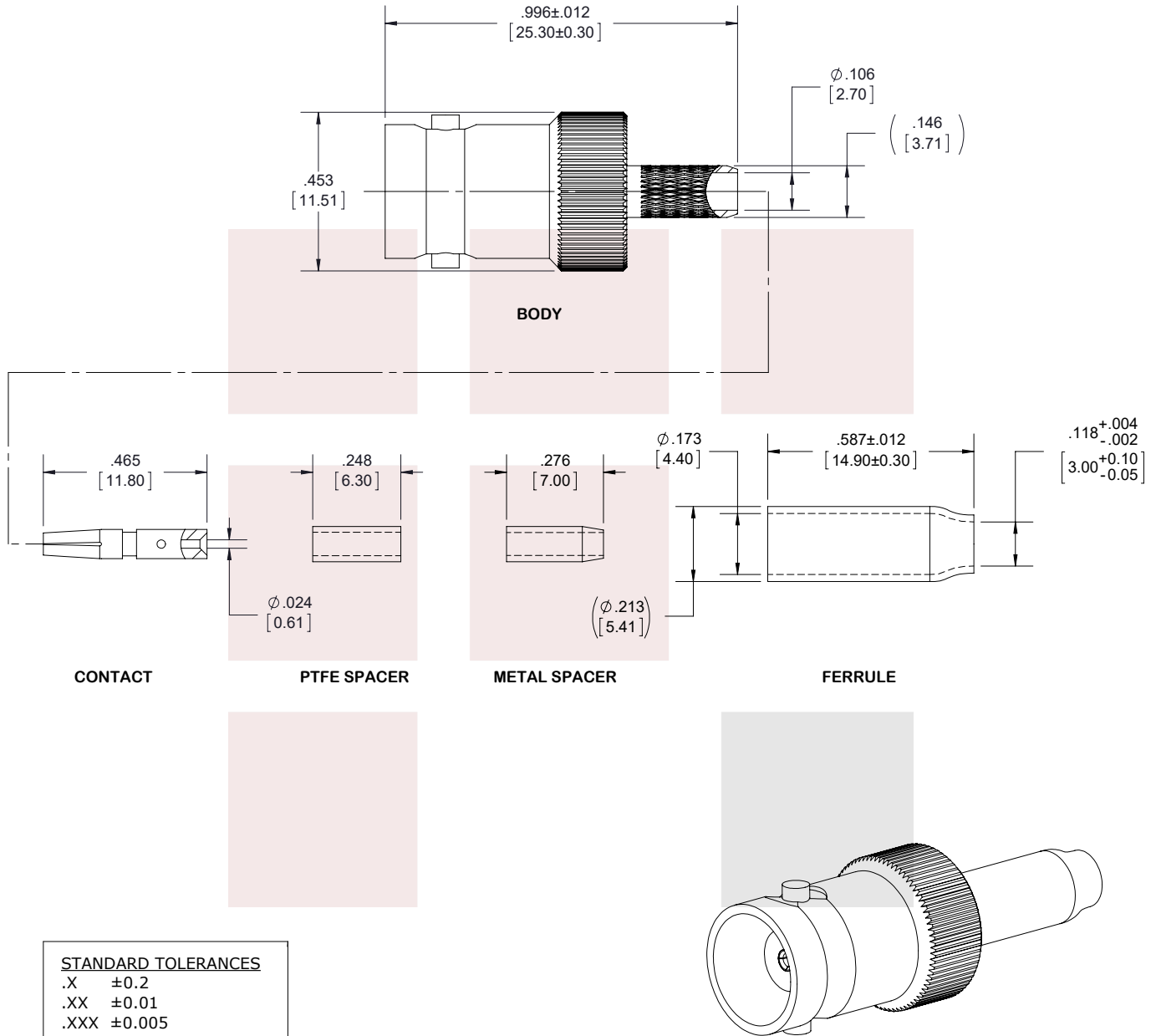
BNC Female Connector Crimp/Solder Attachment For RG316, RG174, RG188, LMR-100A, LMR-100A-FR, 0.100 inch Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [BNC Female Connector Crimp/Solder Attachment For RG316, RG174, RG188, LMR-100A, LMR-100A-FR, 0.100 inch Cable FMCN1352](#)

URL: <https://www.fairviewmicrowave.com/bnc-female-rg316-rg174-rg188-lmr-100a-lmr-100a-fr-0.100-connector-fmcn1352-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.





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TITLE BNC Female Connector Crimp/Solder Attachment For RG316, RG174, RG188, LMR-100A, LMR-100A-FR, 0.100 inch Cable	DWG NO FMCN1352		CAGE CODE 3FKR5			
	CAD FILE	100217	SHEET	1 OF 2	SCALE N/A	SIZE A
						7361

BNC Male Right Angle Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100

RA BNC male connector with crimp/solder attachment for RG174, RG316, RG188, .100 inch and LMR-100, part number FMCN1838, from Fairview Microwave is in-stock and ships same day. This BNC male connector operates up to a maximum frequency of 2 GHz and offers good VSWR of 1.6:1. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA BNC male connector FMCN1838 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		2	GHz
VSWR			1.6:1	
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size	
Length	1.73 in [43.94 mm]
Width/Dia.	0.57 in [14.48 mm]
Height	1.06 in [26.92 mm]
Weight	0.052 lbs [23.59 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 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

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

Plotted and Other Data

Notes:



Configuration:

- BNC Male Connector
- 50 Ohms
- Right Angle Body Geometry
- RG174, RG316, RG188, .100 inch, LMR-100 Interface Type
- Crimp/Solder Attachment

Features:

- Operating Frequency of 2 GHz Max.
- Good VSWR of 1.6:1
- Gold Plated Brass Contact
- 30 µin minimum contact plating

Applications:

- General Purpose Test
- Custom Cable Assemblies

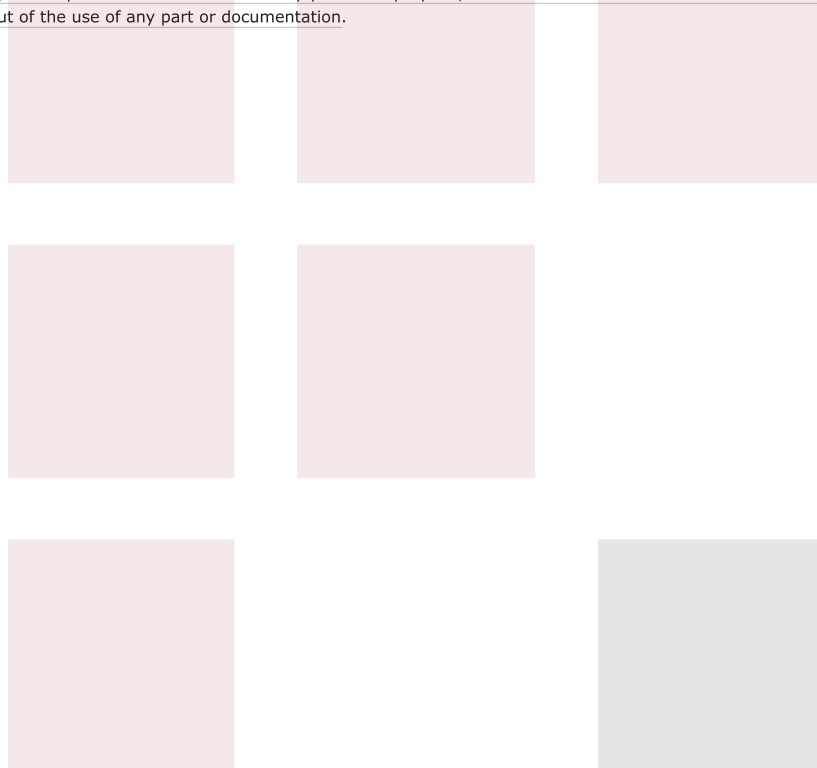
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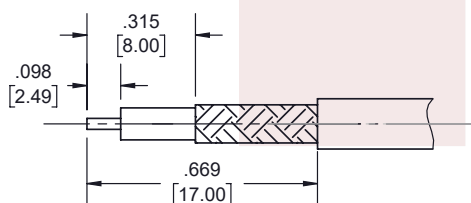
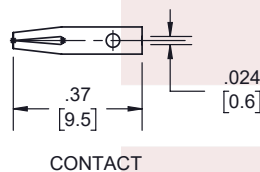
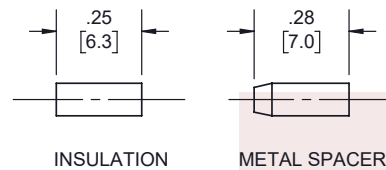
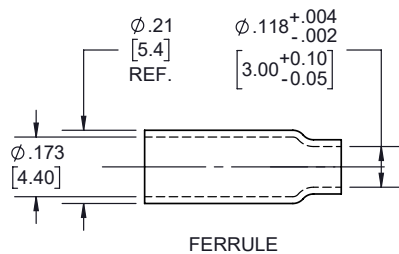
BNC Male Right Angle Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100 from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [BNC Male Right Angle Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100 FMCN1838](#)

URL: <https://www.fairviewmicrowave.com/bnc-male-rg174-rg316-rg188-.100-lmr-100-connector-fmcn1838-p.aspx>

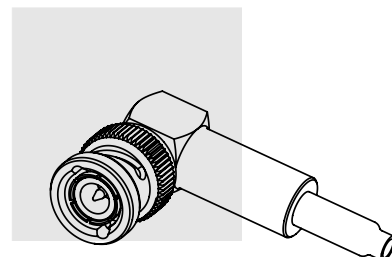
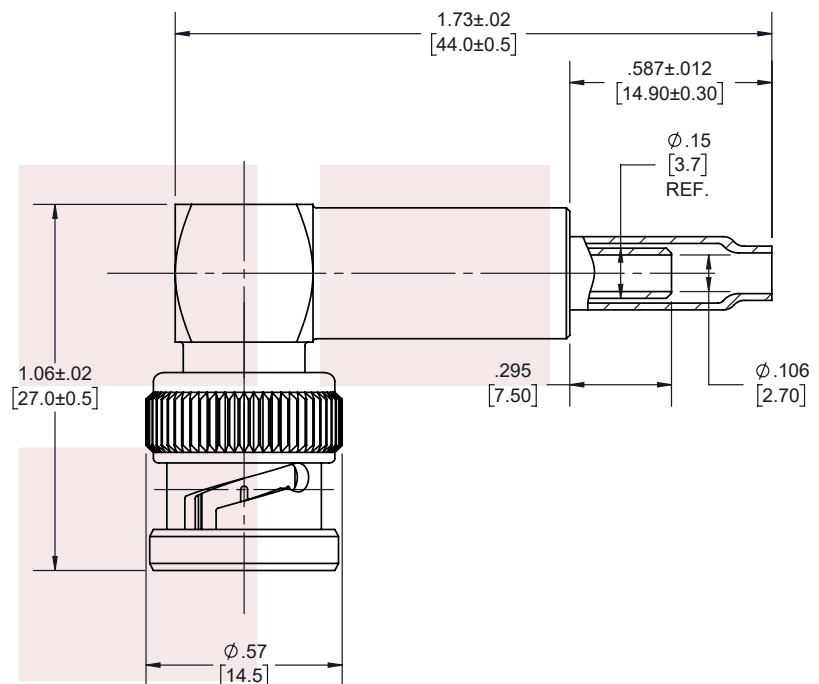
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NOTES:

- CABLE ATTACHMENT:
 - OUTER: CRIMP.
 - INNER: SOLDER/CRIMP.
- CRIMP SIZE REQUIRED:
 - CONTACT: .71" [1.8] SQ CRIMP TOOL.
 - FERRULE: .146" [3.71] HEX CRIMP TOOL.
 - .185" [4.70] HEX CRIMP TOOL.



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TITLE

BNC Male Right Angle Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100

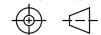
UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES: CABLE LENGTH (L) TOLERANCES:

.X = ±.02 [.51]	FRACTIONS	L ≤ 12 [305] = +1 [25] / -0
.XX = ±.02 [.51]	± 1/32	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

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1

SCALE N/A

SIZE A	CAGE CODE 3FKR5	DRAWN BY K.GLEBOVA	ITEM NO. FMCN1838	REV A
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