

N Male Connector Clamp/Solder Attachment For RG14, RG217 Cable

Type N male connector with clamp/solder attachment for RG14 and RG217, part number FMCN1363, from Fairview Microwave is in-stock and ships same day.

Fairview's type N male connector FMCN1363 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
DWV (AC)			2,500	Vrms

Mechanical Specifications

Size	
Length	1.63 in [41.4 mm]
Width/Dia.	0.8 in [20.32 mm]
Weight	0.1385 lbs [62.82 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold ASTM-B488
Insulation	PTFE	
Body	Brass	Nickel ASTM-B689
Coupling Nut	Brass	Nickel ASTM-B689

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:



Configuration:

- N Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG14, RG217 Interface Type
- Clamp/Solder Attachment
- 13/16 inch Hex

Features:

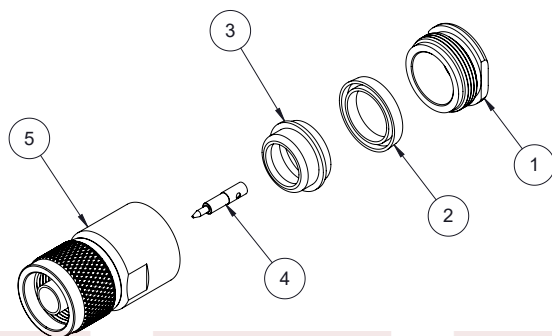
- Gold Plated Brass Contact
- Contact plating according to ASTM-B488

Applications:

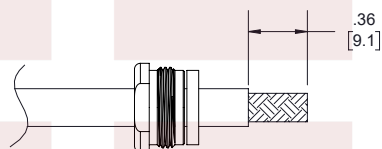
- General Purpose Test
- Custom Cable Assemblies

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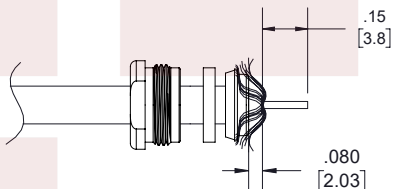
Assembly Instruction



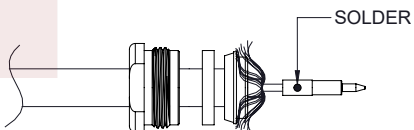
1. SLIDE CLAMP NUT ① & GASKET ② OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF CLAMP.



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.



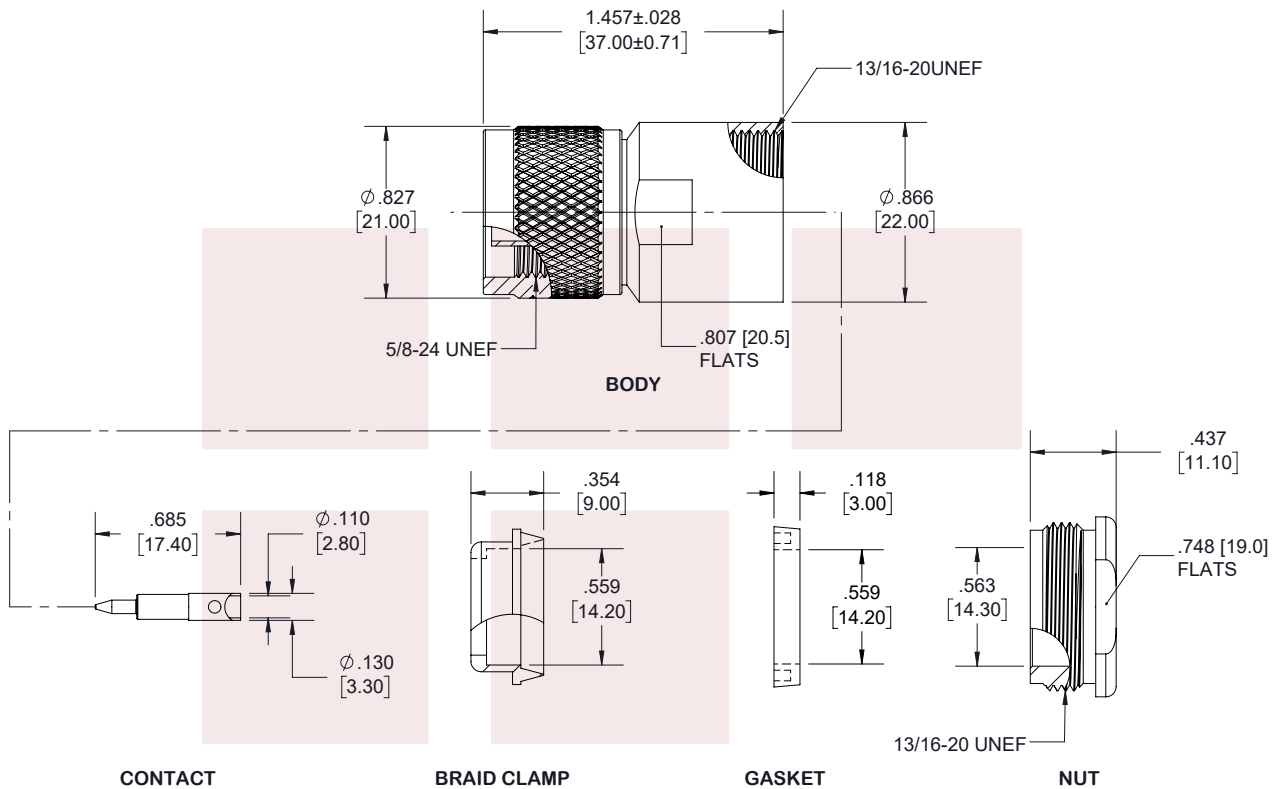
N Male Connector Clamp/Solder Attachment For RG14, RG217 Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [N Male Connector Clamp/Solder Attachment For RG14, RG217 Cable FMCN1363](#)

URL: <https://www.fairviewmicrowave.com/n-male-rg14-rg217-connector-fmcn1363-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.

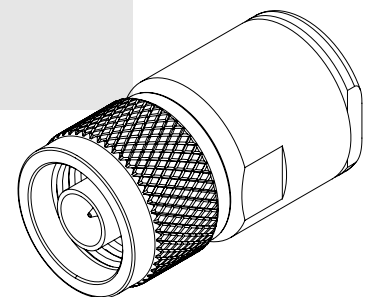




STANDARD TOLERANCES

.X	±0.2
.XX	±0.01
.XXX	±0.005

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES



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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

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RG14, RG217 Cable

DWG NO

FMCN1363

CAGE CODE

3FKR5

CAD FILE

111617

SHEET

1 OF 1

SCALE

N/A

SIZE

A 7361