

N Female Connector Clamp/Solder Attachment For FM-SR250ALTN, RG401

Type N female connector with clamp/solder attachment for FM-SR250ALTN and RG401, part number FMCN1903, from Fairview Microwave is in-stock and ships same day.

Fairview's type N female connector FMCN1903 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.

Mechanical Specifications

Size	
Length	1.59 in [40.39 mm]
Width/Dia.	0.75 in [19.05 mm]
Height	0.75 in [19.05 mm]
Weight	0.137 lbs [62.14 g]

Material Specifications

Description	Material	Plating
Body	Brass	Nickel

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

Plotted and Other Data

Notes:

N Female Connector Clamp/Solder Attachment For FM-SR250ALTN, RG401 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: [N Female Connector Clamp/Solder Attachment For FM-SR250ALTN, RG401 FMCN1903](#)

URL: <https://www.fairviewmicrowave.com/n-female-standard-pe-sr401al-pe-sr401fl-rg401-connector-fmcn1903-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.



Configuration:

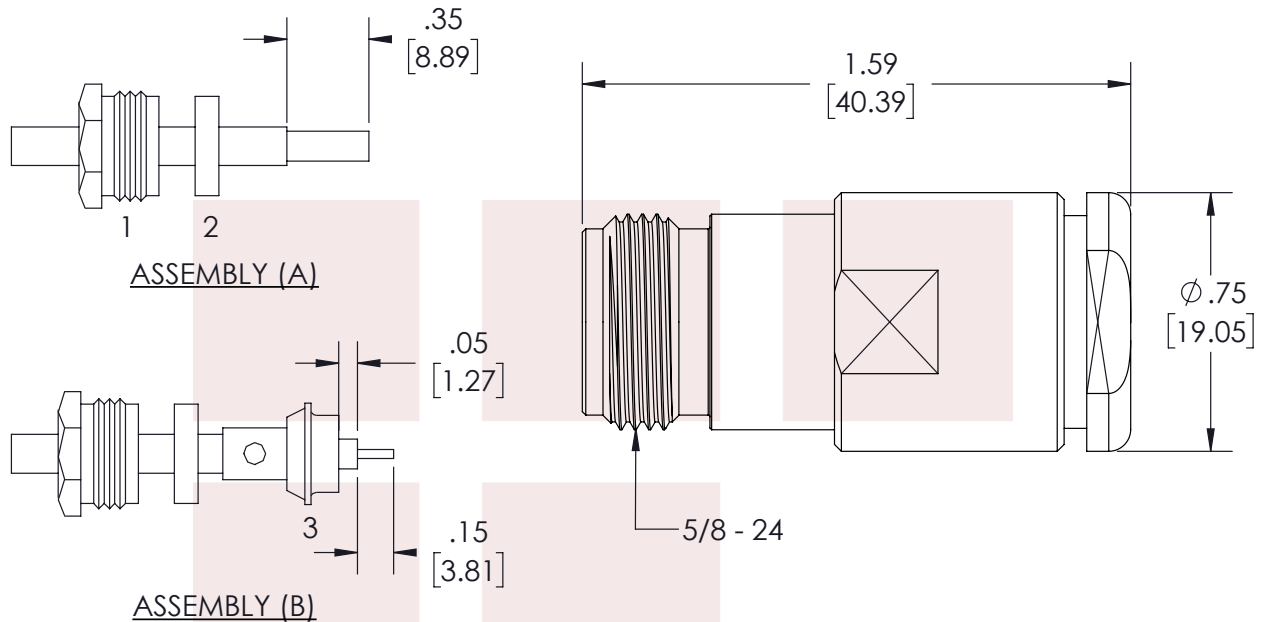
- N Female Connector
- 50 Ohms
- Straight Body Geometry
- FM-SR250ALTN, RG401 Inter-face Type
- Clamp/Solder Attachment

Applications:

- General Purpose Test
- Custom Cable Assemblies

Fairview Microwave
301 Leora Ln., Suite 100
Lewisville, TX 75056
Tel: 1-800-715-4396 / (972) 649-6678
Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	06/07/22	AGANWANI



ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1) & GASKET (2) OVER CABLE.
STRIP CABLE AS SHOWN IN ASSEMBLY (A).
DO NOT CUT DIELECTRIC.
2. SLIDE ADAPTER (3) OVER CABLE UNTIL ADAPTER (3)
BOTTOM ON OUTER CONDUCTOR. SOLDER ADAPTER (3)
TO OUTER CONDUCTOR USING MINIMUM HEAT.
3. STRIP CABLE AS SHOWN IN ASSEMBLY (B).
SOLDER CONTACT TO CENTER CONDUCTOR.
SLIDE ASSEMBLY FORWARD & TIGHTEN TO BODY.

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TITLE

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FM-SR250ALTN, RG401

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

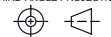
TOLERANCES:

.X = ±.2 [5.08] FRACTIONS
.XX = ±.02 [.51] ± 1/32
XXX = ±.005 [.13] ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
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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DESIGN IN THIS DOCUMENT
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SHEET 1 OF 1

SCALE N/A

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	VTHANGARAJ	FMCN1903	A

T-Rev.D