

## N Female Connector Solder Attachment for FM-SR141ALTN, FM-SR141TB, FM-SR141TBJ, FM-SR141CUTN, RG402

Type N female connector with solder/solder attachment for FM-SR141ALTN, FM-SR141TB, FM-SR141TBJ, FM-SR141CUTN and RG402, part number FMCN1906, from Fairview Microwave is in-stock and ships same day. This type N female connector operates up to a maximum frequency of 11 GHz.

Fairview's type N female connector FMCN1906 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		11	GHz

### Mechanical Specifications

Size	
Length	1.08 in [27.43 mm]
Width/Dia.	0.63 in [16.00 mm]
Height	0.63 in [16 mm]
Weight	0.068 lbs [30.84 g]

### Material Specifications

Description	Material	Plating
Contact	Phosphor Bronze	Gold over Nickel
Insulation	PTFE	
Body	Brass	Nickel

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

### Plotted and Other Data

Notes:



### Configuration:

- N Female Connector
- 50 Ohms
- Straight Body Geometry
- FM-SR141ALTN, FM-SR141TB, FM-SR141TBJ, FM-SR141CUTN, RG402 Interface Type
- Solder/Solder Attachment

### Features:

- Operating Frequency of 11 GHz Max.
- Gold over Nickel Plated Phosphor Bronze Contact

### Applications:

- General Purpose Test
- Custom Cable Assemblies

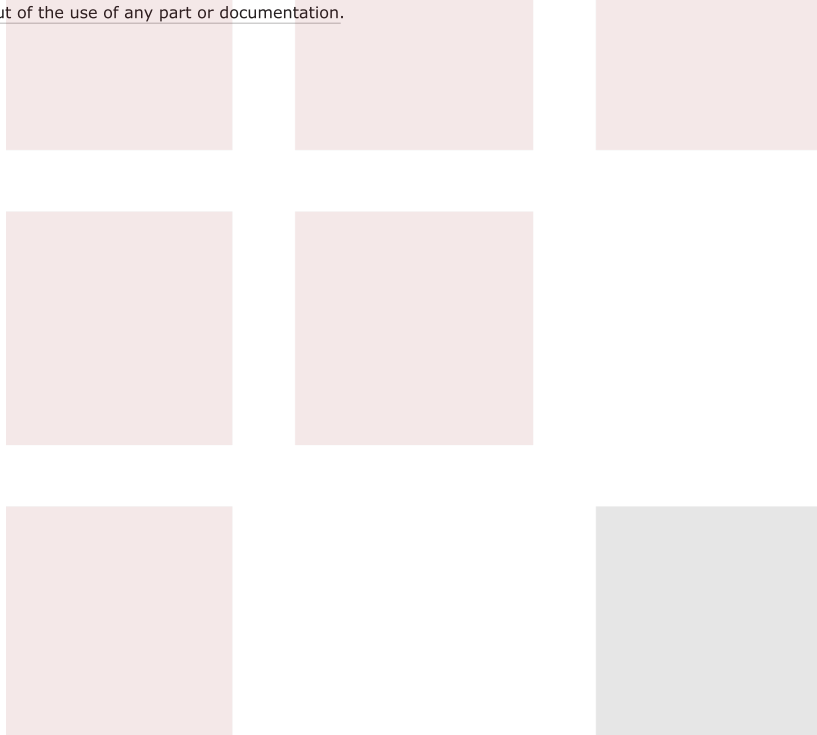
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N Female Connector Solder Attachment for FM-SR141ALTN, FM-SR141TB, FM-SR141TBJ, FM-SR141CUTN, RG402 from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

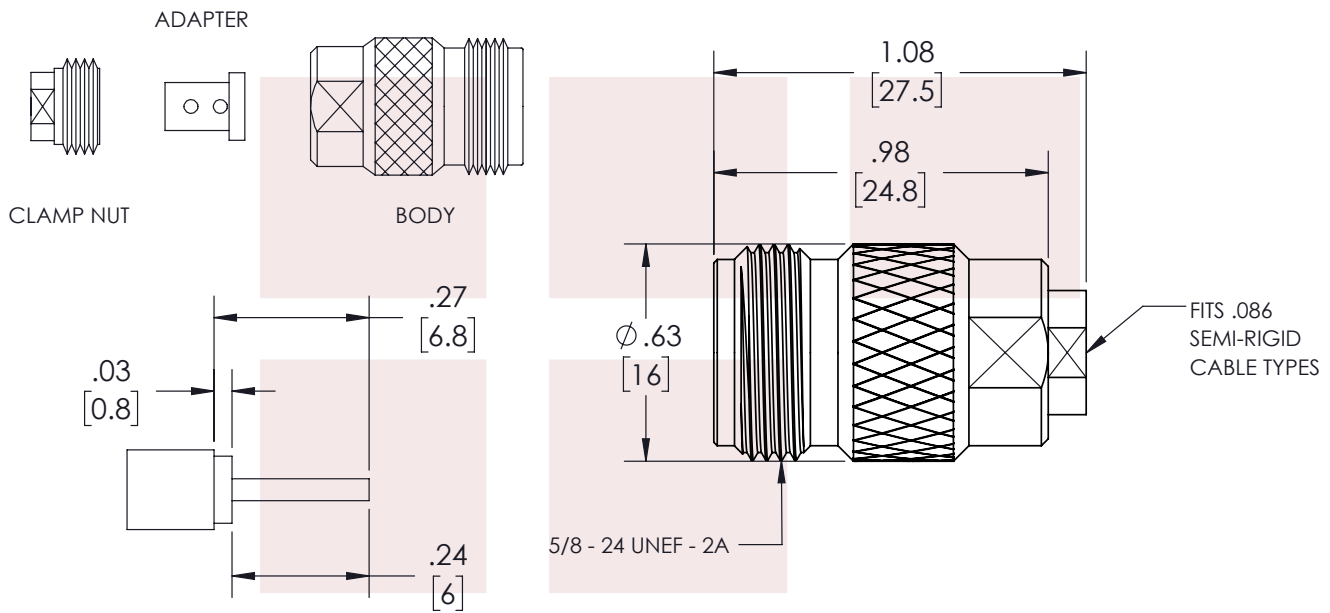
For additional information on this product, please click the following link: [N Female Connector Solder Attachment for FM-SR141ALTN, FM-SR141TB, FM-SR141TBJ, FM-SR141CUTN, RG402 FMCN1906](#)

URL: <https://www.fairviewmicrowave.com/n-female-standard-pe-sr402al-pe-sr402fl-pe-sr402flj-connector-fmcn1906-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
A	INITIAL RELEASE	06/06/22	AGANWANI



#### ASSEMBLY PROCEDURES

1. TRIM CABLE JACKET & DIELECTRIC TO DIMENSIONS AS SHOWN. DO NOT NICK CENTER CONDUCTOR.
2. SLIDE CLAMP NUT OVER CABLE. SLIDE ADAPTER OVER CABLE UNTIL BOTTOMS OUT. SOLDER ADAPTER TO CABLE.
3. INSERT CABLE INTO CONNECTOR BODY UNTIL IT MATES. SCREW CLAMP NUT INTO THE BODY UNTIL IT BOTTOMS OUT.

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TITLE

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

#### TOLERANCES:

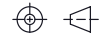
.X = ±.2 [5.08] FRACTIONS  
.XX = ±.02 [.51] ± 1/32  
XXX = ±.005 [.13] ANGLES ± 1°

#### 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

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

#### THIRD-ANGLE PROJECTION



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SHEET 1 OF 1

SCALE

N/A

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	VTHANGARAJ	FMCN1906	A

T-Rev.D