

## N Male to N Female 4 Hole Flange Cable RG401 Type .250 Coax in 60 Inch Length

The type N male to type N female 4 hole flange 60 inch cable using RG401 type .250 coax, part number FMCA3108-60, from Fairview Microwave is in-stock and ships same day. This Fairview type N to type N cable assembly has a male to female gender configuration with 50 ohm semi-rigid FM-SR250CU-STR coax. Fairview Microwave's semi-rigid RF cable assemblies are ideal for high performance applications and can be formed, using proper tooling, to the routing pattern required. Our RF cable assembly with type N 4 hole flange interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other RF cable assembly value added services including connector orientation or clocking, heat shrink booting and labeling are also available. RF testing can also be performed to document the electrical performance of your cable assembly.

### Electrical Specifications

| Description             | Min | Typ          | Max | Units        |
|-------------------------|-----|--------------|-----|--------------|
| Velocity of Propagation |     | 69.5         |     | %            |
| Capacitance             |     | 29.6 [97.11] |     | pF/ft [pF/m] |

Insertion Loss (Typ.)

### Mechanical Specifications

#### Cable Assembly

Length\* 60 in [152.4 cm]  
 Weight 0.744 lbs [337.47 g]

#### Cable

Cable Type FM-SR250CU-STR  
 Impedance 50 Ohms  
 Inner Conductor Type Solid  
 Inner Conductor Material and Plating Copper, Silver  
 Dielectric Type PTFE  
 Number of Shields 1  
 Outer Conductor Material and Plating Copper

Repeated Minimum Bend Radius 0.5 in [12.7 mm]



### Configuration:

- N Male
- N Female 4 Hole Flange
- FM-SR250CU-STR

### Features:

- 69.5% Phase Velocity

### Applications:

- General Purpose
- Laboratory Use

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](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

## Connectors

| Description                     | Connector 1     | Connector 2   |
|---------------------------------|-----------------|---------------|
| Type                            | N Male          | N Female      |
| Mount Method                    |                 | 4 Hole Flange |
| Specification                   | MIL-STD-348A    |               |
| Impedance                       | 50 Ohms         | 50 Ohms       |
| Contact Material & Plating      | Brass, Gold     |               |
| Contact Plating Spec.           | 30 µin minimum  |               |
| Dielectric Type                 | PTFE            |               |
| Body Material & Plating         | Brass, Gold     | Brass, Nickel |
| Body Plating Spec.              | 3 µin minimum   |               |
| Coupling Nut Material & Plating | Brass, Nickel   |               |
| Coupling Nut Plating Spec.      | 100 µin minimum |               |

## Environmental Specifications

### Temperature

Operating Range -55 to +125 deg C

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

## Plotted and Other Data

Notes:

## How to Order

Part Number Configuration:

**FMCA3108 - xx uu**

cm = Centimeters  
 <blank> = Inches  
 Length

Example: FMCA3108-12 = 12 inches long cable  
 FMCA3108-100cm = 100 cm long cable

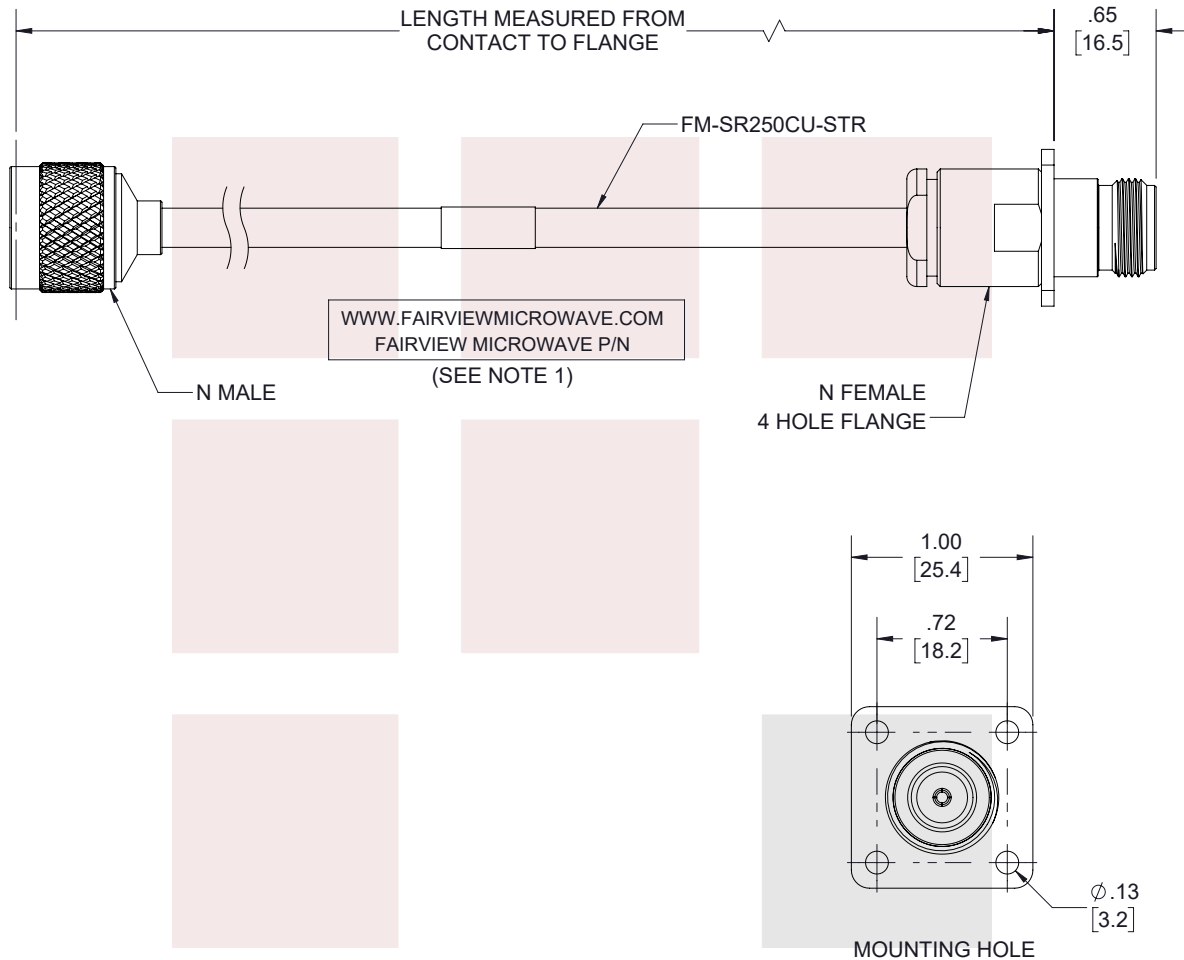
N Male to N Female 4 Hole Flange Cable RG401 Type .250 Coax in 60 Inch Length from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [N Male to N Female 4 Hole Flange Cable RG401 Type .250 Coax in 60 Inch Length FMCA3108-60](#)

URL: <https://www.fairviewmicrowave.com/n-male-to-n-female-4-hole-flange-cable-rg401-type-.250-coax-fmca3108-60-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 | 07/06/22 | AGANWANI |



**NOTES:**

1. CABLES 36" AND UNDER HAVE 1 LABEL CENTERED.  
CABLES OVER 36" HAVE 2 LABELS, ONE AT EACH END  
6.0" FROM THE FRONT OF THE CONNECTOR.

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TITLE

N Male to N Female 4 Hole Flange Cable RG401 Type  
.250 Coax in 60 Inch Length

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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SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE N/A

| SIZE | CAGE CODE | DRAWN BY   | ITEM NO. | REV |
|------|-----------|------------|----------|-----|
| A    | 3FKR5     | VTHANGARAJ | FMCA3108 | A   |

T-Rev.D