

N Female 4 Hole Flange to N Female 4 Hole Flange Cable Tinned Aluminum RG401 Type .250 Coax in 48 Inch

The type N female 4 hole flange to type N female 4 hole flange 48 inch cable using Tinned Aluminum RG401 type .250 coax, part number FMCA3131-48, from Fairview Microwave is in-stock and ships same day. This Fairview type N to type N cable assembly has a female to female gender configuration with 50 ohm semi-rigid FM-SR250ALTN-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		%

Mechanical Specifications

Cable Assembly

Length* 48 in [121.92 cm]
Weight 0.542 lbs [245.85 g]

Cable

Cable Type FM-SR250ALTN-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 Aluminum, Tin
Repeated Minimum Bend Radius 0.75 in [19.05 mm]

Connectors

Description	Connector 1	Connector 2
Type	N Female	N Female
Mount Method	4 Hole Flange	4 Hole Flange
Impedance	50 Ohms	50 Ohms
Body Material & Plating	Brass, Nickel	Brass, Nickel



Configuration:

- N Female 4 Hole Flange
- N Female 4 Hole Flange
- FM-SR250ALTN-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
sales@fairviewmicrowave.com

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

Plotted and Other Data

Notes:

How to Order

Part Number Configuration:

FMCA3131 - xx uu

cm = Centimeters
<blank> = Inches

Length

Example: FMCA3131-12 = 12 inches long cable
FMCA3131-100cm = 100 cm long cable

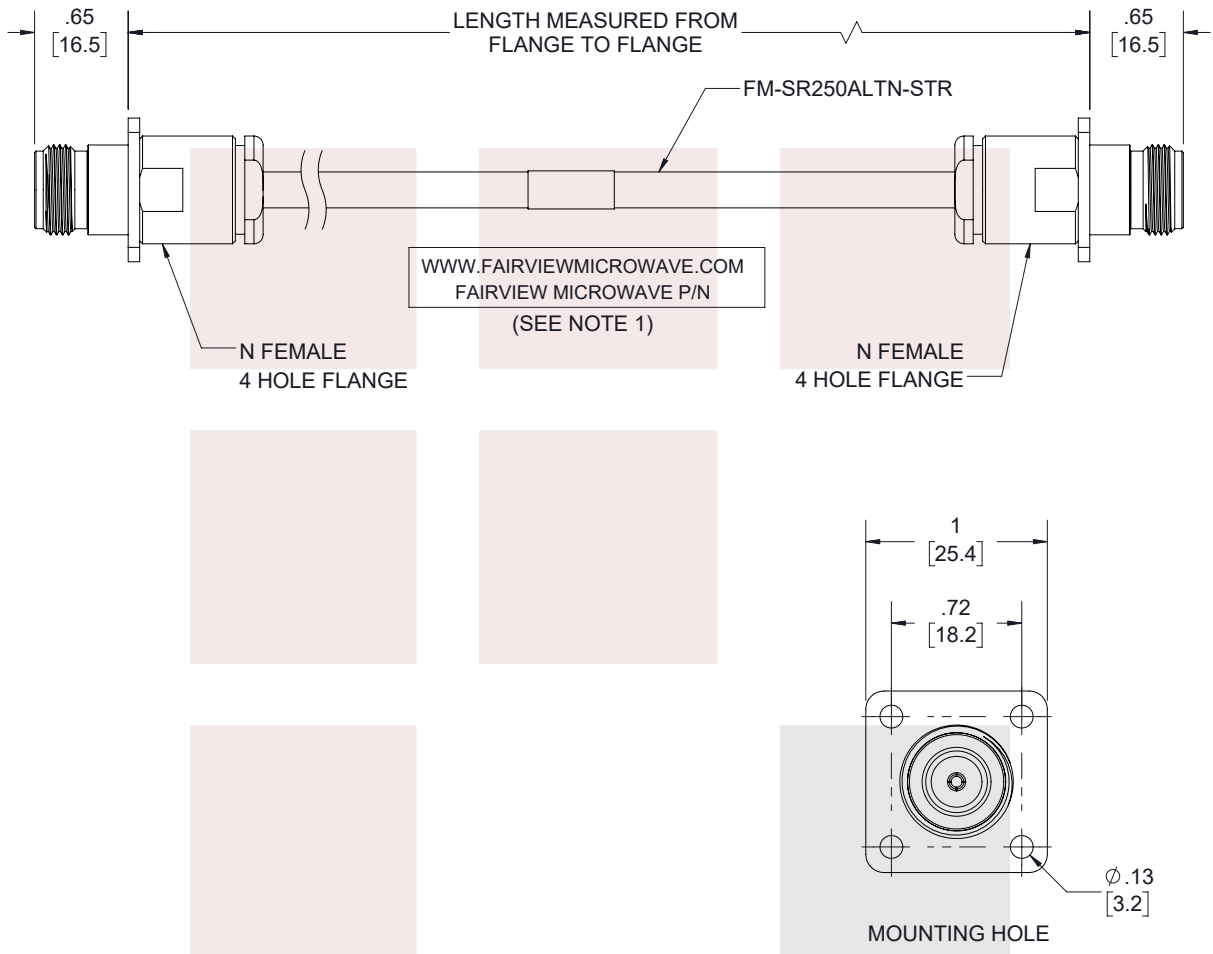
N Female 4 Hole Flange to N Female 4 Hole Flange Cable Tinned Aluminum RG401 Type .250 Coax in 48 Inch from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [N Female 4 Hole Flange to N Female 4 Hole Flange Cable Tinned Aluminum RG401 Type .250 Coax in 48 Inch FMCA3131-48](#)

URL: <https://www.fairviewmicrowave.com/n-female-4-hole-flange-to-n-female-4-hole-flange-cable-rg401-type-.250-coax-fmca3131-48-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	07/04/22	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.

THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

<p>Fairview Microwave an INFINIT[®] brand</p>	UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS		THIRD-ANGLE PROJECTION 	
	TOLERANCES:		CABLE LENGTH (L) TOLERANCES:	
TITLE N Female 4 Hole Flange to N Female 4 Hole Flange Cable Tinned Aluminum RG401 Type .250 Coax in 48 Inch	.X = ±.2 [5.08] FRACTIONS	L ≤ 12 [305] = +1 [25] / -0	THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF FAIRVIEW MICROWAVE CORPORATION. ALL RIGHTS RESERVED.	
	.XX = ±.02 [.51] ± 1/32	12 [305] < L ≤ 60 [1524] = +2 [51] / -0	SHEET 1 OF 1	
.XXX = ±.005 [.13] ANGLES ± 1°	60 [1524] < L ≤ 120 [3048] = +4 [102] / -0	SCALE N/A		
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.		SIZE A CAGE CODE 3FKR5 DRAWN BY VTHANGARAJ ITEM NO. FMCA3131 REV A		

T-Rev.D