

N Male to N Female 4 Hole Flange Cable Tinned Aluminum RG401 Type .250 Coax in 24 Inch

The type N male to type N female 4 hole flange 24 inch cable using Tinned Aluminum RG401 type .250 coax, part number FMCA3125-24, 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-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*	24 in [609.6 mm]
Weight	0.339 lbs [153.77 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]
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Configuration:

- N Male
- N Female 4 Hole Flange
- FM-SR250ALTN-STR

Features:

- 69.5% Phase Velocity

Applications:

- General Purpose
- Laboratory Use

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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	

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

Plotted and Other Data

Notes:

How to Order

Part Number Configuration:

FMCA3125 - xx uu

cm = Centimeters
 <blank> = Inches
 Length

Example: FMCA3125-12 = 12 inches long cable
 FMCA3125-100cm = 100 cm long cable

N Male to N Female 4 Hole Flange Cable Tinned Aluminum RG401 Type .250 Coax in 24 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 Male to N Female 4 Hole Flange Cable Tinned Aluminum RG401 Type .250 Coax in 24 Inch FMCA3125-24](#)

URL: <https://www.fairviewmicrowave.com/n-male-to-n-female-4-hole-flange-cable-tinned-aluminum-rg401-type-.250-coax-in-24-inch-fmca3125-24-p.aspx>

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