

**RA N Male to N Female Cable RG401 Type
.250 Coax in 100 CM**

The RA type N male to type N female 100 cm cable using RG401 type .250 coax, part number FMCA3110-100CM, 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. The right angle type N interface on the FM-SR250CU-STR cable allows for easier connections in tight spaces.

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]

Mechanical Specifications
Cable Assembly

Length* 39.37 in [100 cm]
Weight 0.702 lbs [318.42 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 Right Angle
- N Female
- FM-SR250CU-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
Specification	MIL-STD-348A	
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	
Contact Plating Spec.	30µ in. minimum	
Dielectric Type	Teflon	
Body Material & Plating	Brass, Nickel	Brass, Nickel
Body Plating Spec.	100µ in. minimum	
Coupling Nut Material & Plating	Brass, Nickel	
Coupling Nut Plating Spec.	100µ in. minimum	

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

Plotted and Other Data

Notes:

How to Order

Part Number Configuration:

FMCA3110 - xx uu

cm = Centimeters
<blank> = Inches
Length

Example: FMCA3110-12 = 12 inches long cable
FMCA3110-100cm = 100 cm long cable

RA N Male to N Female Cable RG401 Type .250 Coax in 100 CM 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: [RA N Male to N Female Cable RG401 Type .250 Coax in 100 CM FMCA3110-100CM](#)

URL: <https://www.fairviewmicrowave.com/ra-n-male-to-n-female-cable-rg401-type-.250-coax-fmca3110-100cm-p.aspx>

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