

TNC Male to TNC Male Cable RG401 Type .250 Coax in 12 Inch Length

The TNC male to TNC male 12 inch cable using RG401 type .250 coax, part number FMCA3103-12, from Fairview Microwave is in-stock and ships same day. This Fairview TNC to TNC cable assembly has a male to male 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.

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* 12 in [304.8 mm]
Weight 0.171 lbs [77.56 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
Shield Layer 1 Copper

One Time Minimum Bend Radius 0.25 in [6.35 mm]

Connectors

Description	Connector 1	Connector 2
Type	TNC Male	TNC Male
Specification	MIL-C-39012	MIL-C-39012
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Gold	Gold
Contact Plating Spec.	MIL-G-45204	MIL-G-45204
Dielectric Type	Teflon	Teflon
Body Material & Plating	Brass, Gold	Brass, Gold
Body Plating Spec.	MIL-G-45204	MIL-G-45204
Coupling Nut Material & Plating	Brass, Nickel	Brass, Nickel



Configuration:

- TNC Male
- TNC Male
- FM-SR250CU-STR

Features:

- 69.5% Phase Velocity

Applications:

- General Purpose
- Laboratory Use

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Environmental Specifications

Temperature

Operating Range -55 to +125 deg C

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

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

How to Order

Part Number Configuration:

FMCA3103 - xx uu

cm = Centimeters
<blank> = Inches
Length

Example: FMCA3103-12 = 12 inches long cable
FMCA3103-100cm = 100 cm long cable

TNC Male to TNC Male Cable RG401 Type .250 Coax in 12 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: [TNC Male to TNC Male Cable RG401 Type .250 Coax in 12 Inch Length FMCA3103-12](#)

URL: <https://www.fairviewmicrowave.com/tnc-male-to-tnc-male-cable-rg401-type-.250-coax-fmca3103-12-p.aspx>

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