

## TNC Male to TNC Male Cable RG401 Type .250 Coax in 100 CM Length

The TNC male to TNC male 100 cm cable using RG401 type .250 coax, part number FMCA3103-100CM, 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*	39.37 in [100 cm]
Weight	0.411 lbs [186.43 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]
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### 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

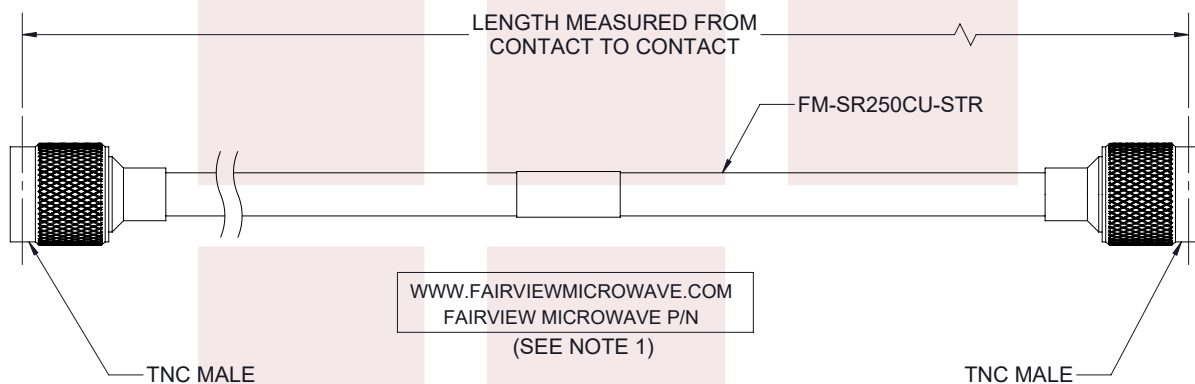
TNC Male to TNC Male Cable RG401 Type .250 Coax in 100 CM Length from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [TNC Male to TNC Male Cable RG401 Type .250 Coax in 100 CM Length FMCA3103-100CM](#)

URL: <https://www.fairviewmicrowave.com/tnc-male-to-tnc-male-cable-rg401-type-.250-coax-fmca3103-100cm-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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<p><b>Fairview Microwave</b> an INFINITE brand</p>		<p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS</p> <p><b>TOLERANCES:</b></p> <p>.X = ±.2 [ .508] FRACTIONS ± 1/32 .XX = ±.02 [ .51] ANGLES ± 1° .XXX = ±.005 [ .13]</p> <p><b>CABLE LENGTH (L) TOLERANCES:</b></p> <p>L ≤ 12 [305] = +1 [25] / -0 12 [305] &lt; L ≤ 60 [1524] = +2 [51] / -0 60 [1524] &lt; L ≤ 120 [3048] = +4 [102] / -0 120 [3048] &lt; L ≤ 300 [7620] = +6 [152] / -0 300 [7620] &lt; L = +5%L / -0</p> <p>THIRD-ANGLE PROJECTION</p> <p>THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF FAIRVIEW MICROWAVE CORPORATION. ALL RIGHTS RESERVED.</p>	
<p>TITLE</p> <p>TNC Male to TNC Male Cable RG401 Type .250 Coax in 100 CM Length</p>		<p>ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.</p>	
SIZE A	CAGE CODE 3FKR5	DRAWN BY VTHANGARAJ	ITEM NO. FMCA3103
		REV A	SCALE N/A

T-Rev.D