

# FMCA2772-24 DATA SHEET

# N Male to TNC Female Cable in 24 Inch Length Using RG223 Coax

The type N male to TNC female cable using RG223 coax, part number FMCA2772-24, from Fairview Microwave is in-stock and ships same day. This Fairview type N to TNC cable assembly has a male to female gender configuration with 50 ohm flexible RG223 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The double shielding of this Fairview cable assembly provides excellent shielding effectiveness.

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	Тур	Max	Units
Velocity of Propagation		66		%
Capacitance	30.8 [101.05]		pF/ft [pF/m]	

#### **Mechanical Specifications**

**Cable Assembly** 

Jacket Diameter

Length\* 24 in [609.6 mm] Weight 0.161 lbs [73.03 g]

Cable

Cable Type RG223 **Impedance** 50 Ohms Inner Conductor Type Solid Copper, Silver Inner Conductor Material and Plating Dielectric Type PΕ Number of Shields 2 Shield Layer 1 Silver Plated Copper Braid Shield Layer 2 Silver Plated Copper Braid Jacket Material PVC, Black

Repeated Minimum Bend Radius 1 in [25.4 mm]

0.209 in [5.31 mm]



# **Configuration:**

- N Male
- TNC Female
- RG223

#### **Features:**

- 66% Phase Velocity
- Double Shielded
- PVC Jacket

### **Applications:**

- General Purpose
- Laboratory Use

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#### **Connectors**

Description	Connector 1	Connector 2	
Туре	N Male	TNC Female	
Specification	MIL-STD-348A		
Impedance	50 Ohms	50 Ohms	
Contact Material & Plating	Brass, Gold		
Dielectric Type	Teflon		
Body Material & Plating	Brass, Tri-Metal	Brass, Nickel	
Coupling Nut Material & Plating	Brass, Tri-Metal		
Hex Size	18 mm		
Torque	9 in-lbs 1.02 Nm		

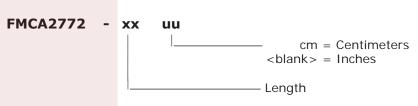
**Compliance Certifications** (see product page for current document)

#### Plotted and Other Data

Notes:

#### **How to Order**

Part Number Configuration:



Example: FMCA2772-12 = 12 inches long cable

FMCA2772-100cm = 100 cm long cable

N Male to TNC Female Cab<mark>le in 24 Inch Leng</mark>th Using RG223 Coax 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 TNC Female Cable in 24 Inch Length Using RG223 Coax FMCA2772-24

URL: https://www.fairviewmicrowave.com/n-male-to-tnc-female-cable-rg223-coax-in-24-inch-and-rohs-fmca2772-24-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.

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