

FMCA2830-24 DATA SHEET

2.92mm Male to 2.92mm Male Cable RG402 Type .141 Coax in 24 Inch

The 2.92mm male to 2.92mm male cable using RG402 type .141 coax, part number FMCA2830-24, from Fairview Microwave is in-stock and ships same day. This Fairview 2.92mm to 2.92mm cable assembly has a male to male gender configuration with 50 ohm semi-rigid FM-SR141CU-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	Тур	Max	Units
Capacitance		29.9 [98.1]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Length* 24 in [609.6 mm] Weight 0.048 lbs [21.77 g]

Cable

Cable Type
Impedance
Inner Conductor Type
Inner Conductor Material and Plating
Dielectric Type

Dielectric Type Number of Shields Shield Layer 1 FM-SR141CU-STR

50 Ohms Solid

Copper Clad Steel, Silver

PTFE 1

Copper

Connectors

Description	Connector 1	Connector 2	
Туре	2.92mm Male 2.92mm Male		
Impedance	50 Ohms 50 Ohms		
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold	
Contact Plating Spec.	50μ in. minimum	50μ in. minimum	
Dielectric Type	PTFE	PTFE	
Body Material & Plating	Stainless Steel, Gold	Stainless Steel, Gold	
Body Plating Spec.	50μ in. minimum	50μ in. minimum	
Coupling Nut Material & Plating	Stainless Steel, Gold	Stainless Steel, Gold	
Coupling Nut Plating Spec.	50μ in. minimum	50μ in. minimum	
Hex Size	5/16 in.	5/16 in.	
Torque	8 in-lbs 0.9 Nm 8 in-lbs 0.9 N		

Configuration:

- 2.92mm Male
- 2.92mm Male
- FM-SR141CU-STR

Applications:

- General Purpose
- Laboratory Use

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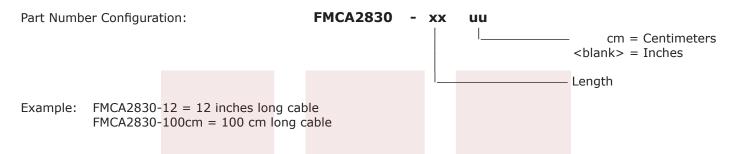
Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

· Values at 25°C, sea level.

How to Order



2.92mm Male to 2.92mm Male Cable RG402 Type .141 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: 2.92mm Male to 2.92mm Male Cable RG402 Type .141 Coax in 24 Inch FMCA2830-24

URL: https://www.fairviewmicrowave.com/2.92mm-male-to-2.92mm-male-cable-rg402-type-.141-coax-fmca2830-24-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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