

FMCA2890-60 **DATA SHEET**

Push-On 4.3-10 Male to RA Push-On 4.3-10 Male Cable Tinned Copper RG402 Type .141 Coax in 60 Inch

The 4.3-10 male push-on to RA 4.3-10 male push-on 60 inch cable using Tinned Copper RG402 type .141 coax, part number FMCA2890-60, from Fairview Microwave is in-stock and ships same day. This Fairview 4.3-10 to 4.3-10 cable assembly has a male to male gender configuration with 50 ohm semi-rigid FM-SR141CUTN-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 FMCA2890-60 4.3-10 male to 4.3-10 male cable assembly operates to 6 GHz. The right angle 4.3-10 interface on the FM-SR141CUTN-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

Min	Ту	р Мах	Units
DC		6	GHz
		1.5:1	
	69	.5	%
		DC	DC 6

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	1	2.5	6			GHz
Insertion Loss (Typ.)	0.9	1.18	2.55			dB

Electrical Specification Notes:

The Insertion Loss data above is based on the performance specifications of the coax cable and connectors used in this assembly. The Insertion Loss includes an estimated insertion loss of 0.1 dB for the straight connector and 0.2 dB for the right angle connector.

Mechanical Specifications

Cable Assembly

Length* 60 in [152.4 cm] Weight 0.288 lbs [130.63 g]

Cable

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

One Time Minimum Bend Radius

FM-SR141CUTN-STR 50 Ohms Solid Copper Clad Steel, Silver

PTFE

1 in [25.4 mm]

Tinned Copper



Configuration:

- Push-On4.3-10 Male
- Push-On4.3-10 Male Right Angle
- FM-SR141CUTN-STR

Features:

- Max Frequency 6 GHz
- 69.5% Phase Velocity
- 100 Mating Cycles

Applications:

- General Purpose
- Laboratory Use

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Connectors

Description	Connector 1	Connector 2		
Туре	4.3-10 Male	4.3-10 Male		
Impedance	50 Ohms	50 Ohms		
Connection Method	Push-On	Push-On		
Mating Cycles	100	100		
Contact Material & Plating	Brass, Silver	Brass, Silver		
Dielectric Type	PTFE	PTFE		
Body Material & Plating	Brass, Tri-Metal	Brass, Tri-Metal		
Coupling Nut Material & Plating	Brass, Tri-Metal	Brass, Tri-Metal		

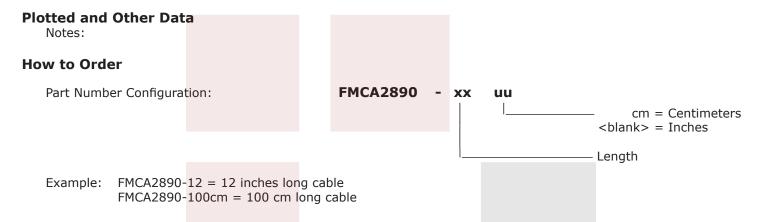
Environmental Specifications

Temperature

Operating Range

-55 to +90 deg C

Compliance Certifications (see product page for current document)



Push-On 4.3-10 Male to RA Push-On 4.3-10 Male Cable Tinned Copper RG402 Type .141 Coax in 60 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: Push-On 4.3-10 Male to RA Push-On 4.3-10 Male Cable Tinned Copper RG402 Type .141 Coax in 60 Inch FMCA2890-60

URL: https://www.fairviewmicrowave.com/push-on-4.3-10-male-to-ra-push-on-4.3-10-male-cable-tinned-copper-rg402-type-.141-coax-in-60-inch-fmca2890-60-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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