

Push-On 4.3-10 Male to RA Push-On 4.3-10 Male Cable RG402 Type .141 Coax in 24 Inch

The 4.3-10 male push-on to RA 4.3-10 male push-on 24 inch cable using RG402 type .141 coax, part number FMCA2801-24, 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-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. The FMCA2801-24 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-SR141CU-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

| Description | Min | Typ | Max | Units |
|--------------------------------------|-----|------|-------|-------|
| Frequency Range | DC | | 6 | GHz |
| VSWR | | | 1.5:1 | |
| Velocity of Propagation | | 69.5 | | % |
| Dielectric Withstanding Voltage (AC) | | | 1,000 | Vrms |

Performance by Frequency

| Description | F1 | F2 | F3 | F4 | F5 | Units |
|-----------------------|------|------|-----|----|----|-------|
| Frequency | 1 | 2.5 | 6 | | | GHz |
| Insertion Loss (Typ.) | 0.54 | 0.65 | 1.2 | | | 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* 24 in [609.6 mm]
Weight 0.197 lbs [89.36 g]

Cable

Cable Type FM-SR141CU-STR
Impedance 50 Ohms
Inner Conductor Type Solid
Inner Conductor Material and Plating Copper Clad Steel, Silver
Dielectric Type PTFE
Number of Shields 1
Outer Conductor Material and Plating Copper



Configuration:

- Push-On 4.3-10 Male
- Push-On 4.3-10 Male Right Angle
- FM-SR141CU-STR

Features:

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

Applications:

- General Purpose
- Laboratory Use

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Repeated Minimum Bend Radius 0.25 in [6.35 mm]

Connectors

| Description | Connector 1 | Connector 2 |
|---------------------------------|------------------|------------------|
| Type | 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)

Plotted and Other Data

Notes:

How to Order

Part Number Configuration:

FMCA2801 - xx uu

cm = Centimeters
<blank> = Inches

Length

Example: FMCA2801-12 = 12 inches long cable
FMCA2801-100cm = 100 cm long cable

Push-On 4.3-10 Male to RA Push-On 4.3-10 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: [Push-On 4.3-10 Male to RA Push-On 4.3-10 Male Cable RG402 Type .141 Coax in 24 Inch FMCA2801-24](#)

URL: <https://www.fairviewmicrowave.com/push-on-4.3-10-male-to-ra-push-on-4.3-10-male-cable-rg402-type-.141-coax-fmca2801-24-p.aspx>

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