

2.92mm Male to 2.92mm Female Cable Tinned Copper RG402 Type .141 Coax

The 2.92mm male to 2.92mm female cable using Tinned Copper RG402 type .141 coax, part number FMCA2918, from Fairview Microwave is in-stock and ships same day. This Fairview 2.92mm to 2.92mm cable assembly has a male to female 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.

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.



Configuration:

- 2.92mm Male
- 2.92mm Female
- FM-SR141CUTN-STR

Applications:

- General Purpose
- Laboratory Use

Mechanical Specifications

Cable Assembly

Cable

| | |
|--------------------------------------|---------------------------|
| Cable Type | FM-SR141CUTN-STR |
| Impedance | 50 Ohms |
| Inner Conductor Type | Solid |
| Inner Conductor Material and Plating | Copper Clad Steel, Silver |
| Dielectric Type | PTFE |
| Number of Shields | 1 |
| Shield Layer 1 | Tinned Copper |

| | |
|------------------------------|----------------|
| One Time Minimum Bend Radius | 1 in [25.4 mm] |
|------------------------------|----------------|

Connectors

| Description | Connector 1 | Connector 2 |
|---------------------------------|------------------------------------|----------------------------|
| Type | 2.92mm Male | 2.92mm Female |
| Impedance | 50 Ohms | 50 Ohms |
| Contact Material & Plating | Beryllium Copper, Gold over Nickel | Gold |
| Contact Plating Spec. | 50 µin minimum | |
| Dielectric Type | PCTFE | PPO |
| Body Material & Plating | Stainless Steel, Gold over Nickel | Passivated Stainless Steel |
| Body Plating Spec. | 50 µin minimum | |
| Coupling Nut Material & Plating | Stainless Steel, Gold over Nickel | |
| Coupling Nut Plating Spec. | 50 µin minimum | |
| Hex Size | 5/16 inch | |
| Torque | 8 in-lbs 0.9 Nm | |

Mechanical Specification Notes:

Maximum length using the straight semi rigid coax is 5ft. For lengths greater than 5ft, please contact us

Fairview Microwave
301 Leora Ln., Suite 100
Lewisville, TX 75056
Tel: 1-800-715-4396 / (972) 649-6678
Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

How to Order

Part Number Configuration:

FMCA2918 - xx uu

cm = Centimeters
<blank> = Inches

Length

Example: FMCA2918-12 = 12 inches long cable
FMCA2918-100cm = 100 cm long cable

2.92mm Male to 2.92mm Female Cable Tinned Copper RG402 Type .141 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: [2.92mm Male to 2.92mm Female Cable Tinned Copper RG402 Type .141 Coax FMCA2918](#)

URL: <https://www.fairviewmicrowave.com/2.92mm-male-to-2.92mm-female-cable-tinned-copper-rg402-type-.141-coax-fmca2918-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 | 07/25/2022 | 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.

THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT
ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

| | | | | | |
|--|-----------|---|----------|----------------------------|--|
| <div><div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div>Fairview Microwave</div><div>an INFINITE brand</div></div></div> | | UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS | | THIRD-ANGLE PROJECTION | |
| TOLERANCES: | | CABLE LENGTH (L) TOLERANCES: | | | |
| .X = ±.2 [.08] FRACTIONS ± 1/32 | | L ≤ 12 [305] = +1 [25] / -0 | | | |
| .XX = ±.02 [.51] | | 12 [305] < L ≤ 60 [1524] = +2 [51] / -0 | | | |
| .XXX = ±.005 [.13] ANGLES ± 1° | | 60 [1524] < L ≤ 120 [3048] = +4 [102] / -0 | | | |
| | | 120 [3048] < L ≤ 300 [7620] = +6 [152] / -0 | | | |
| | | 300 [7620] < L = +5%L / -0 | | | |
| ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. | | | | | |
| SIZE | CAGE CODE | DRAWN BY | ITEM NO. | REV | |
| A | 3FKR5 | PSRINIVAS | FMCA2918 | A | |

TITLE

2.92mm Male to 2.92mm Female Cable Tinned Copper
RG402 Type .141 Coax

SHEET 1 OF 1

SCALE N/A

T-Rev.D