

2.92mm Female to 2.92mm Female Cable Tinned Aluminum RG402 Type .141 Coax in 36 Inch

The 2.92mm female to 2.92mm female cable using Tinned Aluminum RG402 type .141 coax, part number FMCA2872-36, from Fairview Microwave is in-stock and ships same day. This Fairview 2.92mm to 2.92mm cable assembly has a female to female gender configuration with 50 ohm semi-rigid FM-SR141ALTN-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.

Mechanical Specifications

Cable Assembly

Length* 36 in [914.4 mm]
Weight 0.026 lbs [11.79 g]

Cable

Cable Type FM-SR141ALTN-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 Aluminum
Jacket Diameter 0.141 in [3.58 mm]

One Time Minimum Bend Radius 0.1 in [2.54 mm]

Connectors

| Description | Connector 1 | Connector 2 |
|----------------------------|----------------------------|----------------------------|
| Type | 2.92mm Female | 2.92mm Female |
| Impedance | 50 Ohms | 50 Ohms |
| Contact Material & Plating | Gold | Gold |
| Dielectric Type | PPO | PPO |
| Body Material & Plating | Passivated Stainless Steel | Passivated Stainless Steel |

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

Plotted and Other Data

Notes:



Configuration:

- 2.92mm Female
- 2.92mm Female
- FM-SR141ALTN-STR

Applications:

- General Purpose
- Laboratory Use

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How to Order

Part Number Configuration:

FMCA2872 - xx uu



Example: FMCA2872-12 = 12 inches long cable
FMCA2872-100cm = 100 cm long cable

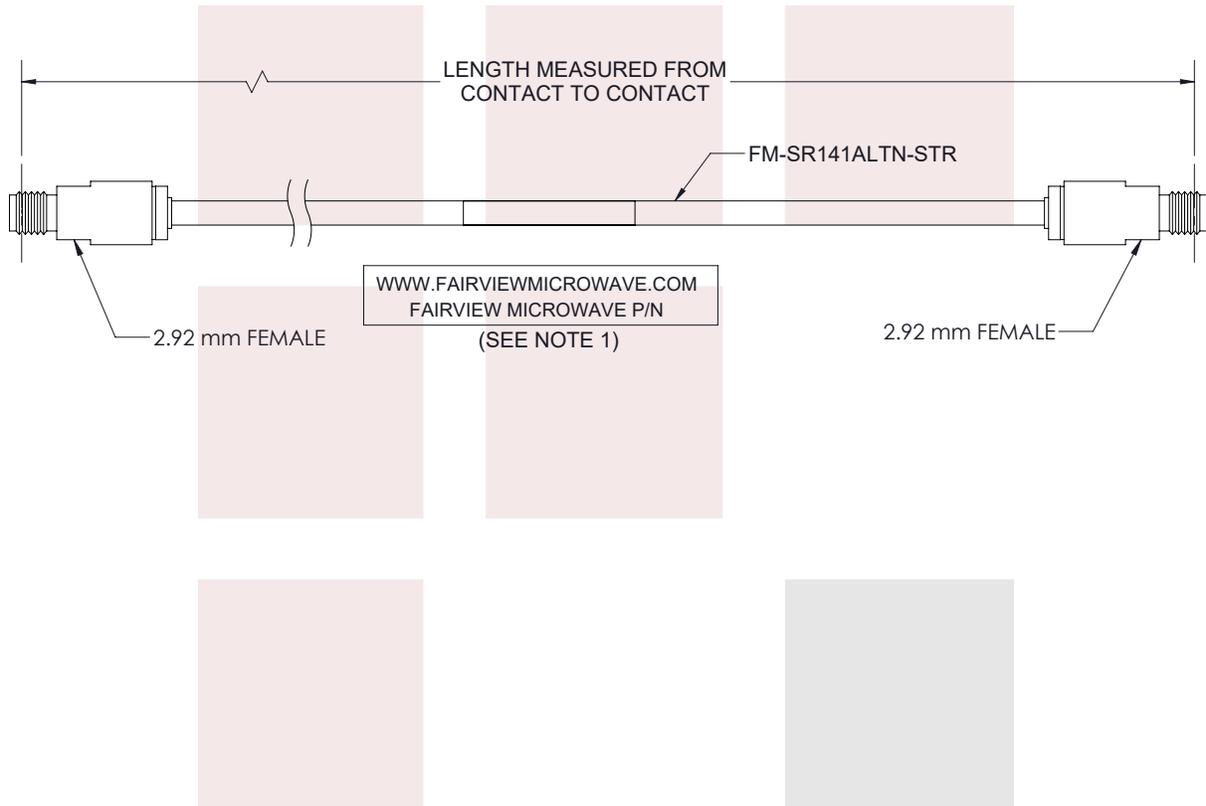
2.92mm Female to 2.92mm Female Cable Tinned Aluminum RG402 Type .141 Coax in 36 Inch from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [2.92mm Female to 2.92mm Female Cable Tinned Aluminum RG402 Type .141 Coax in 36 Inch FMCA2872-36](#)

URL: <https://www.fairviewmicrowave.com/2.92mm-female-to-2.92mm-female-cable-tinned-aluminum-rg402-type-.141-coax-fmca2872-36-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 | 07/21/2022 | 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.

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|--|---|--|---|----------|
| <p>Fairview Microwave an INFINIT[®] brand</p> | UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS | | THIRD-ANGLE PROJECTION | |
| | TOLERANCES: | | CABLE LENGTH (L) TOLERANCES: | |
| TITLE 2.92mm Female to 2.92mm Female Cable Tinned Aluminum RG402 Type .141 Coax in 36 Inch | .X = ±.2 [.508] FRACTIONS | L ≤ 12 [305] = +1 [25] / -0 | THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF FAIRVIEW MICROWAVE CORPORATION. ALL RIGHTS RESERVED. SHEET 1 OF 1 | |
| | .XX = ±.02 [.51] ± 1/32 | 12 [305] < L ≤ 60 [1524] = +2 [51] / -0 | | |
| | .XXX = ±.005 [.13] ANGLES ± 1° | 60 [1524] < L ≤ 120 [3048] = +4 [102] / -0 | SCALE N/A | |
| | ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. | | | |
| SIZE A | CAGE CODE 3FKR5 | DRAWN BY PSRINIVAS | ITEM NO. FMCA2872 | REV A |

T-Rev.D