

2.92mm Male to 2.92mm Male Cable Tinned Aluminum RG402 Type .141 Coax

The 2.92mm male to 2.92mm male cable using Tinned Aluminum RG402 type .141 coax, part number FMCA2874, 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-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

Weight 0.031 lbs [14.06 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 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 Nm

Mechanical Specification Notes:

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



Configuration:

- 2.92mm Male
- 2.92mm Male
- FM-SR141ALTN-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

Part Number Configuration:

FMCA2874 - xx uu

cm = Centimeters
<blank> = Inches

Length

Example: FMCA2874-12 = 12 inches long cable
FMCA2874-100cm = 100 cm long cable

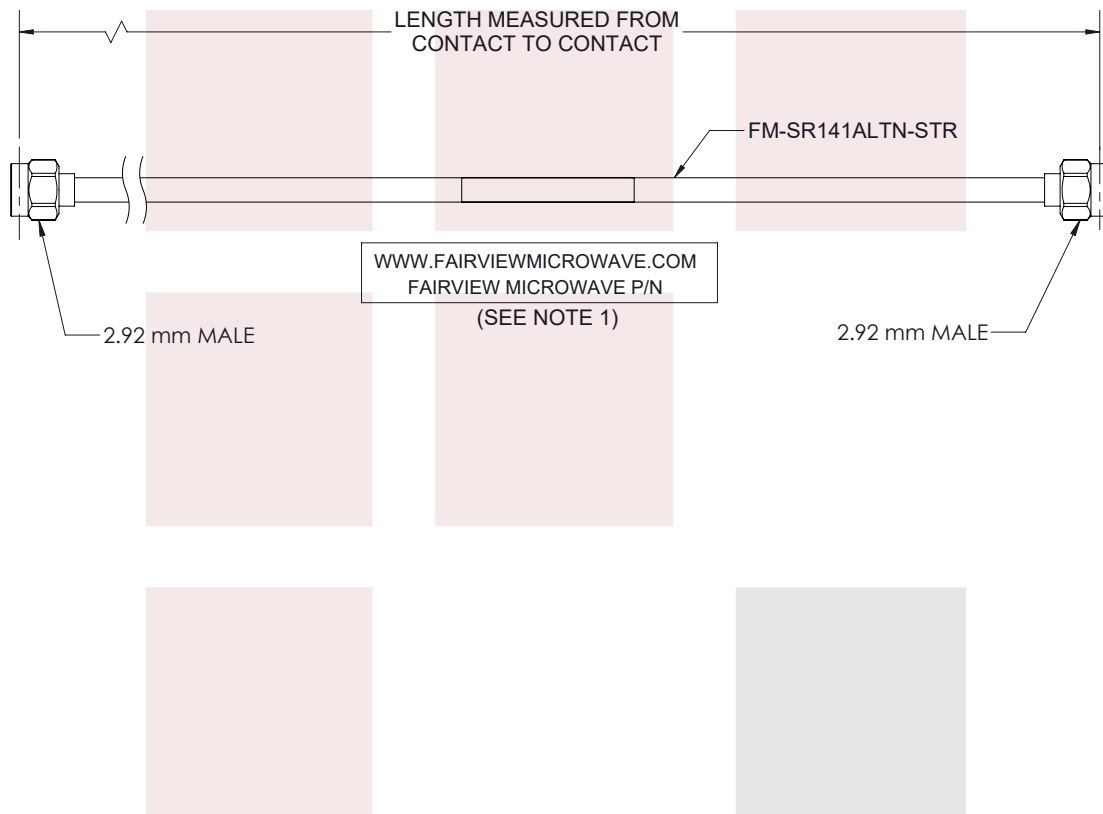
2.92mm Male to 2.92mm Male Cable Tinned Aluminum RG402 Type .141 Coax from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [2.92mm Male to 2.92mm Male Cable Tinned Aluminum RG402 Type .141 Coax FMCA2874](#)

URL: <https://www.fairviewmicrowave.com/2.92mm-male-to-2.92mm-male-cable-tinned-aluminum-rg402-type-.141-coax-fmca2874-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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TITLE

2.92mm Male to 2.92mm Male Cable Tinned
Aluminum RG402 Type .141 Coax

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

.X = ±.2 [.508] FRACTIONS
.XX = ±.02 [.51] ± 1/32
.XXX = ±.005 [.13] ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5%L / -0

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1

SCALE N/A

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	PSRINIVAS	FMCA2874	A

T-Rev.D