

**BNC Male to BNC Female Bulkhead Cable Tinned  
Copper RG402 Type .141 Coax in 100 CM**

The BNC male to BNC female bulkhead 100 cm cable using Tinned Copper RG402 type .141 coax, part number FMCA2894-100CM, from Fairview Microwave is in-stock and ships same day. This Fairview BNC to BNC 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. Our RF cable assembly with BNC bulkhead interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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
Velocity of Propagation		69.5		%

Insertion Loss (Typ.)

**Mechanical Specifications**
**Cable Assembly**

Length\* 39.37 in [100 cm]  
Weight 0.178 lbs [80.74 g]

**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  
Outer Conductor Material and Plating Tinned Copper

One Time Minimum Bend Radius 1 in [25.4 mm]


**Configuration:**

- BNC Male
- BNC Female Bulkhead
- FM-SR141CUTN-STR

**Features:**

- 69.5% Phase Velocity

**Applications:**

- General Purpose
- Laboratory Use

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### Connectors

Description	Connector 1	Connector 2
Type	BNC Male	BNC Female
Mount Method		Bulkhead
Specification	MIL-STD-348A	
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	
Contact Plating Spec.	30 µin minimum	
Dielectric Type	PTFE	
Body Material & Plating	Brass, Gold	Brass, Nickel
Body Plating Spec.	3 µin minimum	
Coupling Nut Material & Plating	Brass, Nickel	
Coupling Nut Plating Spec.	100 µin minimum	

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

### Plotted and Other Data

Notes:

### How to Order

Part Number Configuration:

**FMCA2894 - xx uu**

cm = Centimeters  
<blank> = Inches  
Length

Example: FMCA2894-12 = 12 inches long cable  
FMCA2894-100cm = 100 cm long cable

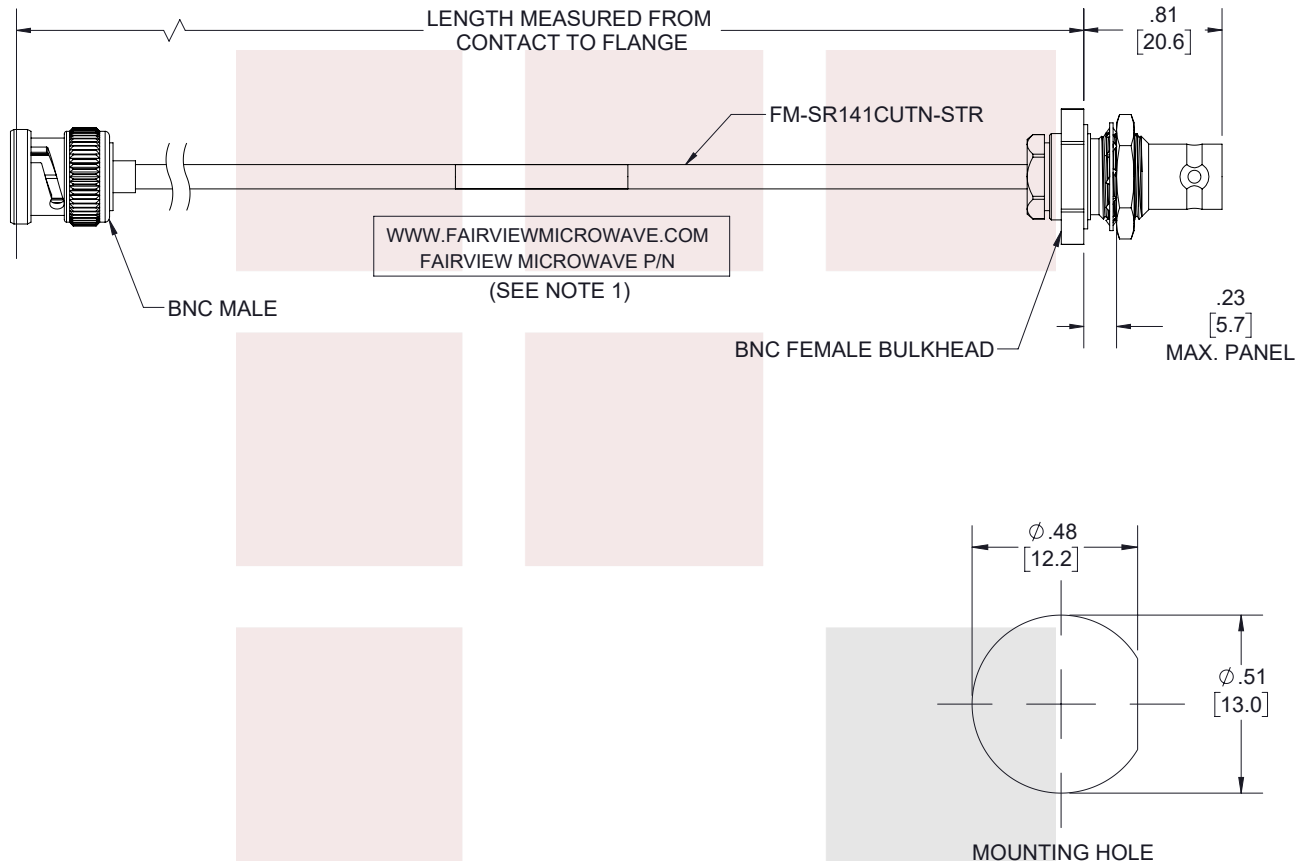
BNC Male to BNC Female Bulkhead Cable Tinned Copper RG402 Type .141 Coax in 100 CM from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [BNC Male to BNC Female Bulkhead Cable Tinned Copper RG402 Type .141 Coax in 100 CM FMCA2894-100CM](#)

URL: <https://www.fairviewmicrowave.com/bnc-male-to-bnc-female-bulkhead-cable-tinned-copper-rg402-type-.141-coax-fmca2894-100cm-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	07/22/2022	AGANWANI



**NOTES:**

- 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><b>Fairview Microwave</b> an INFINIT<sup>®</sup> brand</p>	UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS		THIRD-ANGLE PROJECTION 	
	TOLERANCES:		CABLE LENGTH (L) TOLERANCES:	
TITLE  BNC Male to BNC Female Bulkhead Cable Tinned Copper RG402 Type .141 Coax in 100 CM	.X = ±.2 [ .508]    FRACTIONS    ± 1/32	L ≤ 12 [305] = +1 [25] / -0	THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF FAIRVIEW MICROWAVE CORPORATION. ALL RIGHTS RESERVED.	
	.XX = ±.02 [ .51]    ANGLES ± 1°	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	SHEET 1 OF 1	
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.			SCALE N/A	
SIZE A	CAGE CODE 3FKR5	DRAWN BY PSRINIVAS	ITEM NO. FMCA2894	REV A

T-Rev.D