

# FMCA2894-12 **DATA SHEET**

# **BNC Male to BNC Female Bulkhead Cable Tinned** Copper RG402 Type .141 Coax in 12 Inch

The BNC male to BNC female bulkhead 12 inch cable using Tinned Copper RG402 type .141 coax, part number FMCA2894-12, 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	Туј	p Max	Units
Velocity of Propagation		69.	5	%

Insertion Loss (Typ.)

### **Mechanical Specifications**

#### **Cable Assembly**

Length\* 12 in [304.8 mm] Weight

#### Cable

Cable Type **Impedance** Inner Conductor Type Inner Conductor Material and Plating Dielectric Type Outer Conductor Material and Plating

One Time Minimum Bend Radius

0.107 lbs [48.53 g]

FM-SR141CUTN-STR

50 Ohms Solid

Copper Clad Steel, Silver

**PTFE** 

Tinned Copper

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	
Туре	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	1	

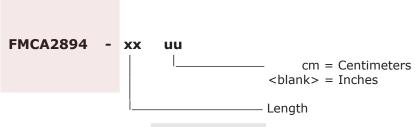
**Compliance Certifications** (see product page for current document)

#### **Plotted and Other Data**

Notes:

### **How to Order**

Part Number Configuration:



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 12 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: BNC Male to BNC Female Bulkhead Cable Tinned Copper RG402 Type .141 Coax in 12 Inch FMCA2894-12

URL: https://www.fairviewmicrowave.com/bnc-male-to-bnc-female-bulkhead-cable-tinned-copper-rg402-type-.141-coax-fmca2894-12-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.

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