

## BNC Female to BNC Female Cable Tinned Copper RG402 Type .141 Coax in 24 Inch

The BNC female to BNC female 24 inch cable using Tinned Copper RG402 type .141 coax, part number FMCA2895-24, from Fairview Microwave is in-stock and ships same day. This Fairview BNC to BNC cable assembly has a female 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.

### Electrical Specifications

| Description             | Min | Typ  | Max | Units |
|-------------------------|-----|------|-----|-------|
| Velocity of Propagation |     | 69.5 |     | %     |

Insertion Loss (Typ.)

### Mechanical Specifications

#### Cable Assembly

|         |                     |
|---------|---------------------|
| Length* | 24 in [609.6 mm]    |
| Weight  | 0.144 lbs [65.32 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] |
|------------------------------|----------------|

### Connectors

| Description             | Connector 1   | Connector 2   |
|-------------------------|---------------|---------------|
| Type                    | BNC Female    | BNC Female    |
| Impedance               | 50 Ohms       | 50 Ohms       |
| Body Material & Plating | Brass, Nickel | Brass, Nickel |

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

### Plotted and Other Data

Notes:



### Configuration:

- BNC Female
- BNC Female
- FM-SR141CUTN-STR

### Features:

- 69.5% Phase Velocity

### Applications:

- General Purpose
- Laboratory Use

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](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

## How to Order

Part Number Configuration:

**FMCA2895 - xx uu**

cm = Centimeters  
<blank> = Inches  
Length

Example: FMCA2895-12 = 12 inches long cable  
FMCA2895-100cm = 100 cm long cable

BNC Female to BNC Female Cable Tinned Copper RG402 Type .141 Coax in 24 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 Female to BNC Female Cable Tinned Copper RG402 Type .141 Coax in 24 Inch FMCA2895-24](https://www.fairviewmicrowave.com/bnc-female-to-bnc-female-cable-tinned-copper-rg402-type-.141-coax-fm-ca2895-24-p.aspx)

URL: <https://www.fairviewmicrowave.com/bnc-female-to-bnc-female-cable-tinned-copper-rg402-type-.141-coax-fm-ca2895-24-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:  
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 INFINIT® brand</div></div></div> |  | UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES<br>DIMENSIONS IN [ ] ARE MILLIMETERS |                    | THIRD-ANGLE PROJECTION<br> |       |
| TOLERANCES:                                                                                                                                                  |  | CABLE LENGTH (L) TOLERANCES:                                                                  |                    |                            |       |
| .X = ±.2 [ .508 ] 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 A                                                                                                                                                       |  | CAGE CODE 3FKR5                                                                               | DRAWN BY PSRINIVAS | ITEM NO. FMCA2895          | REV A |

TITLE

BNC Female to BNC Female Cable Tinned Copper  
RG402 Type .141 Coax in 24 Inch

SHEET 1 OF 1

SCALE N/A

T-Rev.D