

BNC Male to BNC Female Cable RG402 Type .141 Coax

The BNC male to BNC female cable using RG402 type .141 coax, part number FMCA2804, 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-SR141CU-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
Capacitance		29.9 [98.1]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Weight 0.101 lbs [45.81 g]

Cable

Cable Type FM-SR141CU-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 Copper

Connectors

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

Mechanical Specification Notes:

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



Configuration:

- BNC Male
- BNC Female
- FM-SR141CU-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:

FMCA2804 - xx uu

cm = Centimeters
<blank> = Inches

Length

Example: FMCA2804-12 = 12 inches long cable
FMCA2804-100cm = 100 cm long cable

BNC Male to BNC Female Cable 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: [BNC Male to BNC Female Cable RG402 Type .141 Coax FMCA2804](#)

URL: <https://www.fairviewmicrowave.com/bnc-male-to-bnc-female-cable-rg402-type-.141-coax-fmca2804-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	07/02/2022	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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Fairview Microwave

an INFINITE brand

TITLE

BNC Male to BNC Female Cable RG402 Type .141 Coax

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

TOLERANCES:

CABLE LENGTH (L) TOLERANCES:

$.X = \pm .2$ [.508]

$.XX = \pm .02$ [.51]

$.XXX = \pm .005$ [.13]

FRACTIONS

$\pm 1/32$

ANGLES $\pm 1^\circ$

$L \leq 12$ [305] = ± 1 [25] / -0

12 [305] < $L \leq 60$ [1524] = ± 2 [51] / -0

60 [1524] < $L \leq 120$ [3048] = ± 4 [102] / -0

120 [3048] < $L \leq 300$ [7620] = ± 6 [152] / -0

300 [7620] < $L = \pm 5\%L$ / -0

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SIZE A

CAGE CODE 3FKR5

DRAWN BY PSRINIVAS

ITEM NO. FMCA2804

REV A

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