

BNC Male (Plug) to BNC Male (Plug) Cable RG-58 Coax Up To 4 GHz in 36 Inch

The BNC male to BNC male 36 inch cable using RG-58 coax, part number FMC0808058-36, from Fairview Microwave is in-stock and ships same day. This Fairview BNC to BNC cable assembly has a male to male gender configuration with 50 ohm flexible RG-58 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FMC0808058-36 BNC male to BNC male cable assembly operates to 4 GHz.

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
Frequency Range	DC		4	GHz
VSWR			1.4:1	
Velocity of Propagation		66		%
Capacitance		30.8 [101.05]		pF/ft [pF/m]

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	1	2	3	4		GHz
Insertion Loss (Typ.)	0.45	0.659	0.84	1.019		dB

Mechanical Specifications

Cable Assembly

Length*	36 in [914.4 mm]
Diameter	0.571 in [14.5 mm]
Weight	0.1255 lbs [56.93 g]

Cable

Cable Type	RG-58
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper, Tin
Dielectric Type	PE
Number of Shields	1
Shield Layer 1	Tinned Copper Braid
Jacket Material	PVC, Black
Jacket Diameter	0.195 in [4.95 mm]



Configuration:

- BNC Male
- BNC Male
- RG-58

Features:

- Max Frequency 4 GHz
- 66% Phase Velocity
- PVC Jacket

Applications:

- General Purpose
- Laboratory Use

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Connectors

Description	Connector 1	Connector 2
Type	BNC Male	BNC Male
Configuration	Straight	Straight
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Brass, Gold
Contact Plating Spec.	30µ in. minimum	30µ in. minimum
Dielectric Type	Teflon	Teflon
Body Material & Plating	Brass, Nickel	Brass, Nickel
Body Plating Spec.	100µ in. minimum	100µ in. minimum

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:

How to Order

Part Number Configuration: **FMC0808058 - xx uu**

cm = Centimeters
<blank> = Inches

Length

Example: FMC0808058-12 = 12 inches long cable
FMC0808058-100cm = 100 cm long cable

BNC Male (Plug) to BNC Male (Plug) Cable RG-58 Coax Up To 4 GHz in 36 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 \(Plug\) to BNC Male \(Plug\) Cable RG-58 Coax Up To 4 GHz in 36 Inch FMC0808058-36](#)

URL: <https://www.fairviewmicrowave.com/bnc-male-bnc-male-cable-rg58cu-coax-fmc0808058-36-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
B	INITIAL RELEASE	07/29/2021	SRAUTUS

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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<p>Fairview Microwave an INFINIT[®] brand</p> <p>TITLE</p> <p>BNC Male (Plug) to BNC Male (Plug) Cable RG-58 Coax Up To 4 GHz in 36 Inch</p>	<p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS</p> <p>TOLERANCES: CABLE LENGTH (L) TOLERANCES:</p> <table style="width: 100%; border: none;"> <tr> <td style="border: none;">.X = ± 2 [.508]</td> <td style="border: none;">FRACTIONS</td> <td style="border: none;">12 [305] < L ≤ 60 [1524] = +2 [51] / -0</td> </tr> <tr> <td style="border: none;">.XX = ± .02 [.51]</td> <td style="border: none;">± 1/32</td> <td style="border: none;">60 [1524] < L ≤ 120 [3048] = +4 [102] / -0</td> </tr> <tr> <td style="border: none;">.XXX = ± .005 [.13]</td> <td style="border: none;">ANGLES ± 1°</td> <td style="border: none;">120 [3048] < L ≤ 300 [7620] = +6 [152] / -0</td> </tr> <tr> <td style="border: none;"></td> <td style="border: none;"></td> <td style="border: none;">300 [7620] < L = +5%L / -0</td> </tr> </table>	.X = ± 2 [.508]	FRACTIONS	12 [305] < L ≤ 60 [1524] = +2 [51] / -0	.XX = ± .02 [.51]	± 1/32	60 [1524] < L ≤ 120 [3048] = +4 [102] / -0	.XXX = ± .005 [.13]	ANGLES ± 1°	120 [3048] < L ≤ 300 [7620] = +6 [152] / -0			300 [7620] < L = +5%L / -0	<p>THIRD-ANGLE PROJECTION</p> <p>THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF FAIRVIEW MICROWAVE CORPORATION. ALL RIGHTS RESERVED.</p> <p>SHEET 1 OF 1</p> <p>SCALE N/A</p>
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ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.														
SIZE A	CAGE CODE 3FKR5	DRAWN BY DFRISIELLO	ITEM NO. FMC0808058	REV B										

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