

## BNC Male (Plug) to BNC Male (Plug) Cable RG-58 Coax Up To 4 GHz in 72 Inch

The BNC male to BNC male 72 inch cable using RG-58 coax, part number FMC0808058-72, 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 FMC0808058-72 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.) | 0.9 | 1.319 | 1.68 | 2.039 |    | dB    |

### Mechanical Specifications

#### Cable Assembly

|          |                       |
|----------|-----------------------|
| Length*  | 72 in [182.88 cm]     |
| Diameter | 0.571 in [14.5 mm]    |
| Weight   | 0.20074 lbs [91.05 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 72 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 72 Inch FMC0808058-72](#)

URL: <https://www.fairviewmicrowave.com/bnc-male-bnc-male-cable-rg58cu-coax-fmc0808058-72-p.aspx>

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