

## BNC Male (Plug) to BNC Male (Plug) Cable RG-58 Coax Up To 4 GHz in 60 Inch

**FMC0808058-60**



### Configuration

- Connector 1: BNC Male
- Connector 2: BNC Male
- Cable Type: RG-58
- Coax Flex Type: Flexible

### Features

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

### Applications

- General Purpose
- Laboratory Use

### Description

The BNC male to BNC male 60 inch cable using RG-58 coax, part number FMC0808058-60, 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 FMC0808058-60 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             | Minimum | Typical       | Maximum | Units        |
|-------------------------|---------|---------------|---------|--------------|
| Frequency Range         | DC      |               | 4       | GHz          |
| VSWR                    |         |               | 1.4:1   |              |
| Velocity of Propagation |         | 66            |         | %            |
| Capacitance             |         | 30.8 [101.05] |         | pF/ft [pF/m] |

### Specifications by Frequency

| Description           | F1   | F2  | F3    | F4  | F5 | Units |
|-----------------------|------|-----|-------|-----|----|-------|
| Frequency             | 1    | 2   | 3     | 4   |    | GHz   |
| Insertion Loss (Typ.) | 0.75 | 1.1 | 1.399 | 1.7 |    | dB    |

### Mechanical Specifications

#### Cable Assembly

Width/Diameter

0.571 in [14.5 mm]

Weight

0.17566 lbs [79.68 g]

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### 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]  |

### Connectors

| Description                   | Connector 1      | Connector 2      |
|-------------------------------|------------------|------------------|
| Type                          | BNC Male         | BNC Male         |
| Impedance                     | 50 Ohms          | 50 Ohms          |
| Configuration                 | Straight         | Straight         |
| Color                         | Silver           |                  |
| Contact Material and Plating  | Brass, Gold      | Brass, Gold      |
| Contact Plating Specification | 30μ in. minimum  | 30μ in. minimum  |
| Dielectric Type               | Teflon           | Teflon           |
| Body Material and Plating     | Brass, Nickel    | Brass, Nickel    |
| Body Plating Specification    | 100μ in. minimum | 100μ in. minimum |

### Environmental Specifications

|                             |                  |
|-----------------------------|------------------|
| Operating Range Temperature | -40 to +80 deg C |
|-----------------------------|------------------|

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

### Plotted and Other Data

Notes:

## BNC Male (Plug) to BNC Male (Plug) Cable RG-58 Coax Up To 4 GHz in 60 Inch



**FMC0808058-60**

### Typical Performance Data

### How to Order

Part Number Configuration:

**FMC0808058**

**- xx**

**uu**

Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

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 60 Inch from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [BNC Male \(Plug\) to BNC Male \(Plug\) Cable RG-58 Coax Up To 4 GHz in 60 Inch FMC0808058-60](https://www.fairviewmicrowave.com/bnc-male-bnc-male-cable-rg58cu-coax-fmc0808058-60-p.aspx)

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FMC0808058-60 CAD Drawing
BNC Male (Plug) to BNC Male (Plug) Cable RG-58 Coax Up To 4 GHz in 60 Inch

