

BNC Male to BNC Male Cable RG-58 Coax

The BNC male to BNC male cable using RG-58 coax, part number SCA23058, 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 RG58CU coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The SCA23058 BNC male to BNC male cable assembly operates to 1 GHz. The BNC male to BNC male cable using RG-58 coax, part number SCA23058, 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 RG58CU coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The SCA23058 BNC male to BNC male cable assembly operates to 1,000 MHz.

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.

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Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		1,000	MHz
VSWR			1.2:1	

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	1	2	3			GHz
Insertion Loss (Typ.)	0.15	0.22	0.28			dB/ft
	0.49	0.72	0.92			dB/m

Electrical Specification Notes:

Insertion loss does not include the loss of the connectors.

Insertion loss is estimated as $0.05 \times \sqrt{f(\text{GHz})}$ dB per connector.

Mechanical Specifications

Cable Assembly

Length* 0 in [0 mm]

Cable

Cable Type RG58CU
Impedance 50 Ohms
Inner Conductor Type Stranded



Configuration:

- BNC Male
- BNC Male
- RG58CU

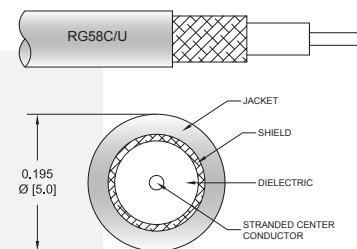
Features:

- Max Frequency 1 GHz
- PVC Jacket
- Max Frequency 1,000 MHz
- PVC Jacket

Applications:

- General Purpose
- Laboratory Use
- General Purpose
- Laboratory Use

Cable Diagram:



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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
Configuration	Straight	Straight
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Brass, Gold
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Tri-Metal	Brass, Tri-Metal
Coupling Nut Material & Plating	Brass, Tri-Metal	Brass, Tri-Metal

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

Plotted and Other Data

Notes:

How to Order

Part Number Configuration:

SCA23058 - xx uu

cm = Centimeters
 <blank> = Inches
 Length

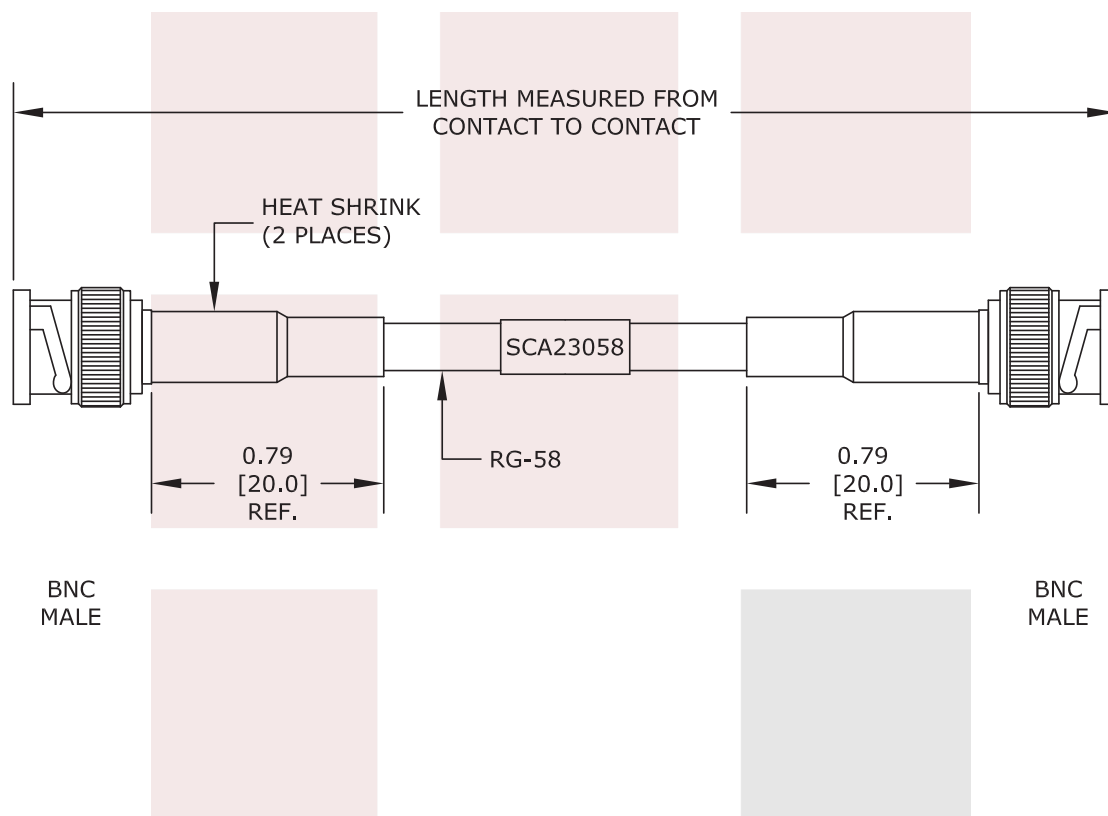
Example: SCA23058-12 = 12 inches long cable
 SCA23058-100cm = 100 cm long cable

BNC Male to BNC Male Cable RG-58 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 Male Cable RG-58 Coax SCA23058](#)

URL: <https://www.fairviewmicrowave.com/bnc-male-bnc-male-cable-rg-58-coax-sca23058-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.



STANDARD TOLERANCES

.X ±0.2
.XX ±0.1
.XXX ±0.05

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES

FAIRVIEW MICROWAVE INC.

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NOTES:

1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

TITLE

BNC Male to BNC Male Cable RG-58 Coax

DWG NO

SCA23058

CAGE CODE

3FKR5

CAD FILE

101816

SHEET

SCALE

N/A

SIZE

A

41742