

## BNC Male to BNC Male Adapter

BNC male to BNC male adapter part number SM9010 from Fairview Microwave is in-stock and ships same day. This Fairview BNC to BNC adapter has a male to male gender configuration. SM9010 BNC male to BNC male adapter operates to 1,000 MHz. The Fairview Microwave RF adapter provides good VSWR of 2:1 maximum.

RF adapters can be used to enable connections between two connector types that would otherwise not mate. Certain RF adapter configurations can also be used to protect connectors on expensive equipment where the number of connect and disconnect cycles is high. An RF, microwave, or millimeter wave adapter is connected to the equipment and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Fairview Microwave also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		1,000	MHz
VSWR			2:1	
Operating Voltage (AC)			500	Vrms

Electrical Specification Notes:  
 Values at 25°C, sea level.

### Mechanical Specifications

Size	
Length	1.244 in [31.6 mm]
Width	0.571 in [14.5 mm]
Weight	0.03483 lbs [15.8 g]

Description	Connector 1	Connector 2
Type	BNC Male	BNC Male
Polarity	Standard	Standard
Mating Cycles	500	500



### Configuration:

- BNC Male Connector 1
- BNC Male Connector 2
- 50 Ohms
- Straight Body Geometry

### Features:

- VSWR of 2:1 max up to 1,000 MHz
- Gold Plated Brass Contact

### Applications:

- General Purpose Test

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**Material Specifications**

Description	Connector 1	Connector 2
Type	BNC Male	BNC Male
Contact Material	Brass	Brass
Contact Plating	Gold	Gold
Insulation Material	POM	POM
Body Material	Brass	Brass
Body Plating	Nickel	Nickel
Body Plating Spec.	100 µin minimum	100 µin minimum
Coupling Nut Material	Brass	Brass
Coupling Nut Plating	Nickel	Nickel
Coupling Nut Plating Spec.	100 µin minimum	100 µin minimum

**Environmental Specifications**

**Temperature**

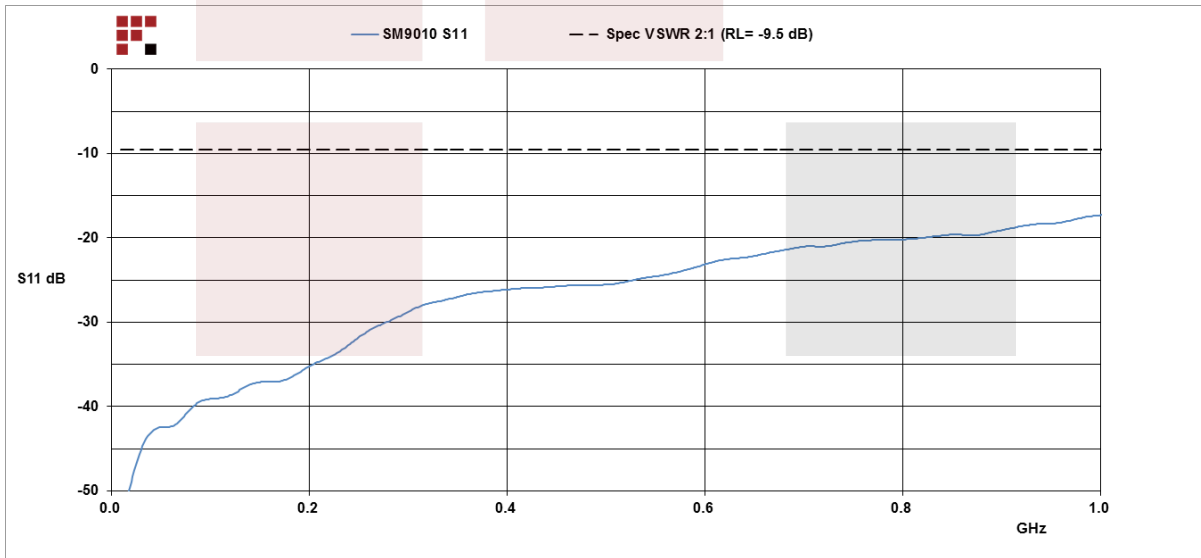
Operating Range -20 to +60 deg C

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

**Plotted and Other Data**

Notes:

**Typical Performance Data**



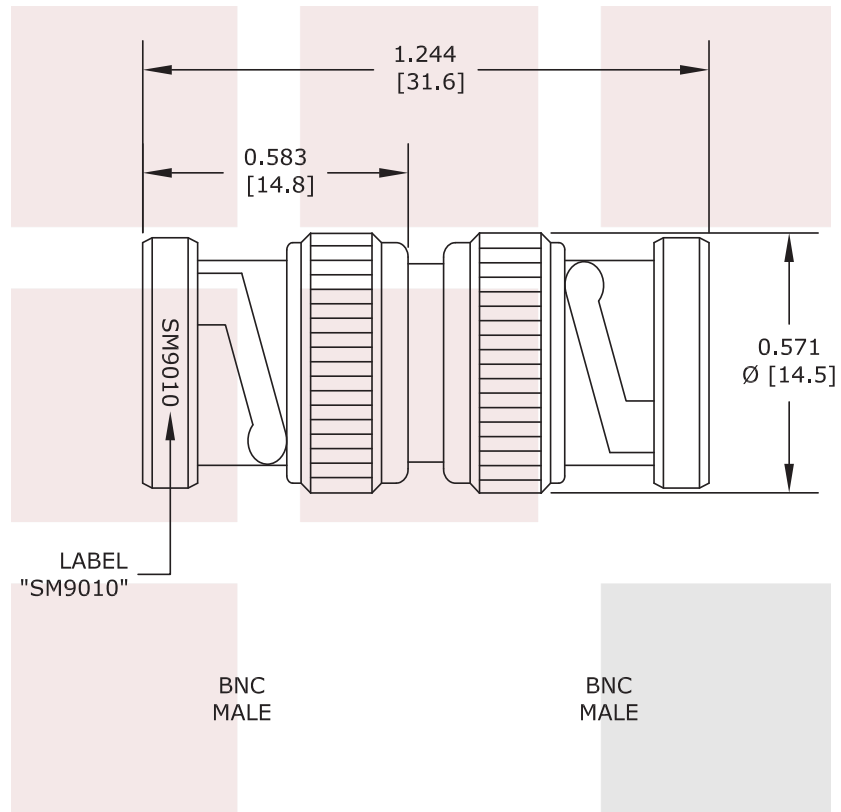
BNC Male to BNC Male Adapter from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [BNC Male to BNC Male Adapter SM9010](#)

URL: <https://www.fairviewmicrowave.com/bnc-male-bnc-male-adapter-sm9010-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

<b>FAIRVIEW MICROWAVE INC.</b>		NOTES:			
ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		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		DWG NO		CAGE CODE	
BNC Male to BNC Male Adapter		SM9010		3FKR5	
		CAD FILE	SHEET	SCALE	SIZE
		010516		N/A	A
					150