

## BNC T Adapter Male (Plug)-Female (Jack)-Female (Jack), Nickel Plated Brass Body, High Temp

BNC T adapter male-female-female part number SM3447 from Fairview Microwave is in-stock and ships same day. This Fairview BNC T adapter has a male-female-female gender configuration. Our BNC T connector operates to 4 GHz.

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.



### Configuration:

- BNC Male Connector 1
- BNC Female Connector 2
- 50 Ohm
- Tee Body Geometry

### Applications:

- General Purpose Test

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		4	GHz
Operating Voltage (AC)			500	Vrms
DWV (AC)			1,500	Vrms
Inner Conductor DC Resistance			0.2	mOhms
Outer Conductor DC Resistance			2	mOhms
Insulation Resistance	5,000			MOhms

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

### Mechanical Specifications

<b>Size</b>	
Length	1.580 in [40.1 mm]
Width	1.12 in [28.45 mm]
Weight	0.046 lbs [20.87 g]

Description	Connector 1	Connector 2
Type	BNC Male	BNC Female
Polarity	Standard	Standard

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**Material Specifications**

Description	Connector 1	Connector 2
Type	BNC Male	BNC Female
Contact Material	Brass	Beryllium Copper
Contact Plating	Silver	Silver
Insulation Material	PTFE	PTFE
Outer Contact Material		Brass
Outer Contact Plating		Nickel
Body Material	Brass	Brass
Body Plating	Nickel	Nickel
Coupling Nut Material	Brass	
Coupling Nut Plating	Nickel	

**Environmental Specifications**

**Temperature**

Operating Range -65 to +165 deg C

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

**Plotted and Other Data**

Notes:

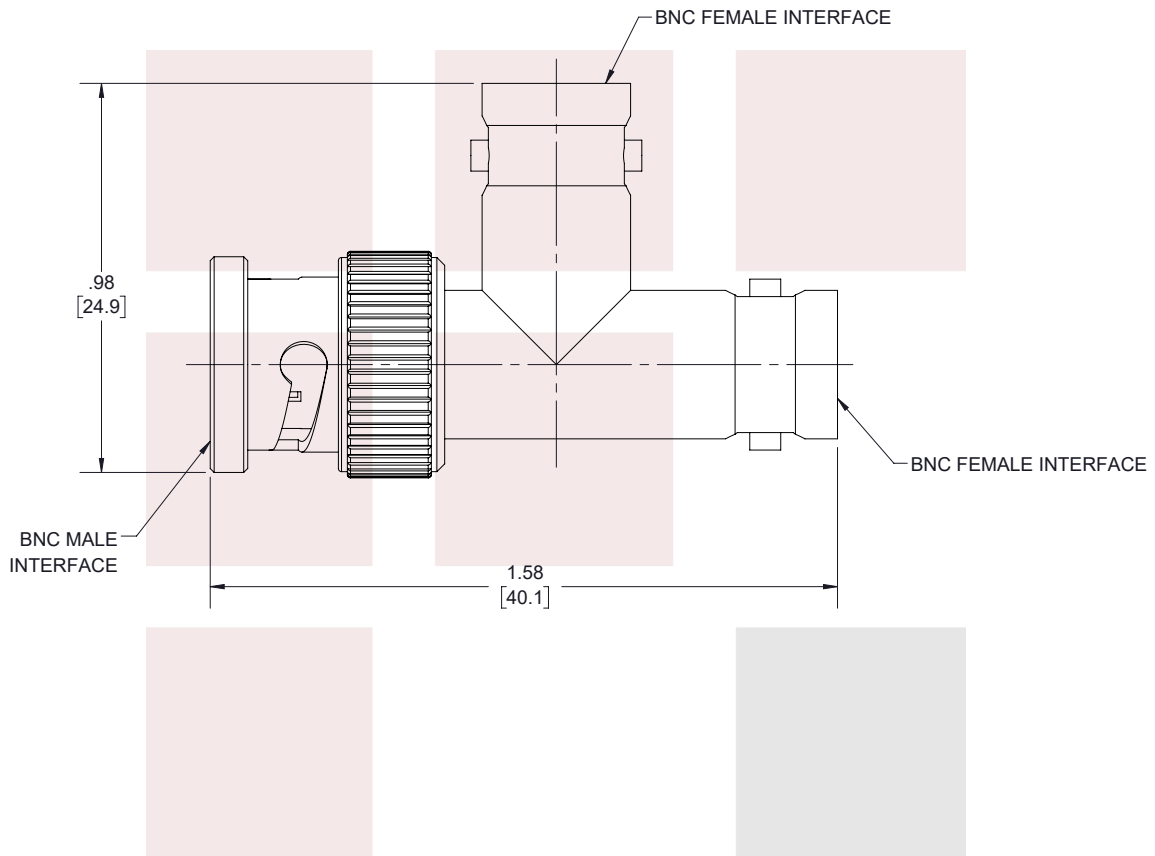
BNC T Adapter Male (Plug)-Female (Jack)-Female (Jack), Nickel Plated Brass Body, High Temp from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [BNC T Adapter Male \(Plug\)-Female \(Jack\)-Female \(Jack\), Nickel Plated Brass Body, High Temp SM3447](#)

URL: <https://www.fairviewmicrowave.com/bnc-male-female-female-tee-adapter-sm3447-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	PCR SM3447 20220817	08/29/2022	SRAUTUS



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TITLE

**BNC T Adapter Male (Plug)-Female (Jack)-Female (Jack), Nickel Plated Brass Body, High Temp**

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

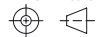
TOLERANCES:

.X = ±.2 [5.08] FRACTIONS ± 1/32  
.XX = ±.02 [.51] ANGLES ± 1°  
.XXX = ±.005 [.13]

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0  
12 [305] < L ≤ 60 [1524] = +2 [51] / -0  
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0  
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0  
300 [7620] < L = +5%L / -0

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE

N/A

SIZE <b>A</b>	CAGE CODE <b>3FKR5</b>	DRAWN BY <b>DMAY</b>	ITEM NO. <b>SM3447</b>	REV <b>B</b>
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T-Rev.D