

## BNC Male to BNC Triax Female Adapter

50 ohm BNC male to BNC Triax female adapter part number SM6728 from Fairview Microwave is in-stock and ships same day. This Fairview BNC to BNC Triax adapter has a male to female gender configuration. SM6728 BNC male to BNC Triax female adapter operates to 5 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.

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		5	GHz
Operating Voltage (AC)			500	Vrms
DWV (AC)			1,500	Vrms
Insulation Resistance	5,000			MOhms

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

### Mechanical Specifications

Size	
Length	1.78 in [45.21 mm]
Width	0.56 in [14.22 mm]
Weight	0.0555 lbs [25.17 g]

Description	Connector 1	Connector 2
Type	BNC Male	BNC Triax Female
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	MIL-C-39012



### Configuration:

- BNC Male Connector 1
- BNC Triax Female Connector 2
- 50 Ohm, Non-Constant Impedance
- Straight Body Geometry

### Features:

- BNC interface meets MIL-STD-348
- BNC Triax interface meets MIL-C-39012
- Contact plating according to MIL-G-45204
- Gold Plated Contact

### Applications:

- Enables Between Series Connections
- General Purpose Test

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**Material Specifications**

Description	Connector 1	Connector 2
Type	BNC Male	BNC Triax Female
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Gold	Gold
Contact Plating Spec.	MIL-G-45204	MIL-G-45204
Insulation Material	POM	POM
Outer Contact Material		Brass
Outer Contact Plating		Nickel
Outer Conductor Contact Spec.		QQ-N-290
Body Material	Brass	
Body Plating	Nickel	
Body Plating Spec.	QQ-N-290	
Coupling Nut Material	Brass	
Coupling Nut Plating	Nickel	
Coupling Nut Plating Spec.	QQ-N-290	

**Environmental Specifications**

**Temperature**

Operating Range

-65 to +165 deg C

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

**Plotted and Other Data**

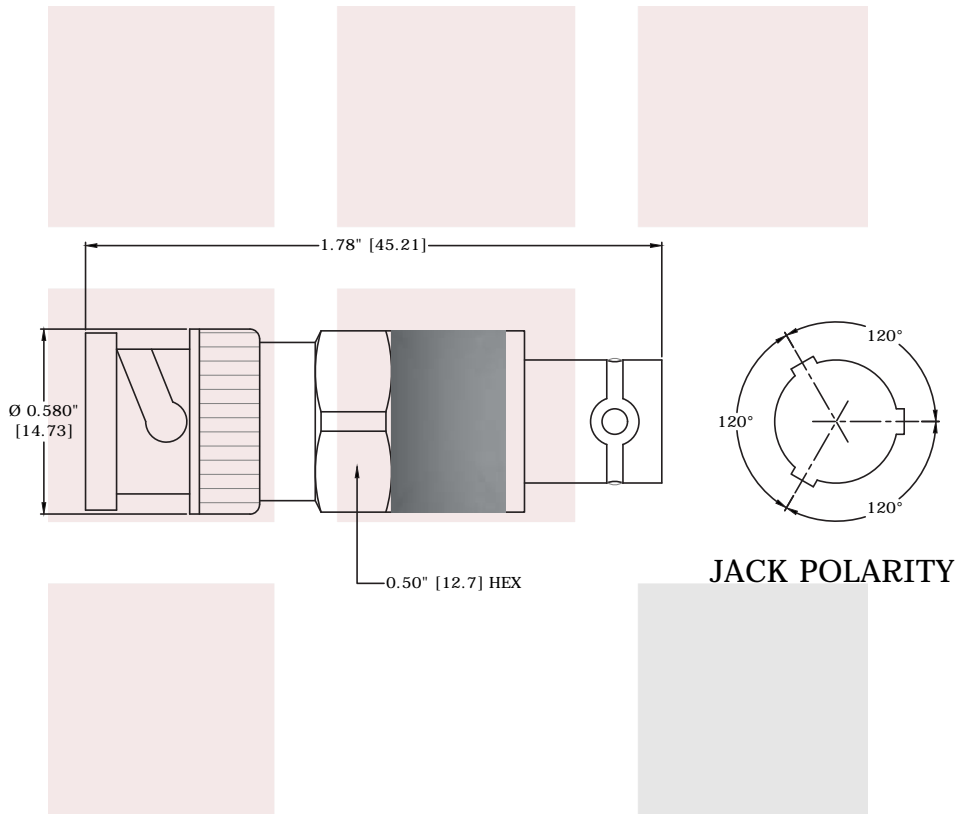
Notes:

BNC Male to BNC Triax Female 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 Triax Female Adapter SM6728](#)

URL: <https://www.fairviewmicrowave.com/bnc-male-bnc-triax-female-adapter-sm6728-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.



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TITLE BNC Male to BNC Triax Female Adapter		DWG NO <b>SM6728</b>		CAGE CODE <b>3FKR5</b>	
CAD FILE	012016	SHEET	SCALE	N/A	SIZE A 5568