



## BNC Triax Female to BNC Triax Female Adapter, 3 Lug

### RF Adapters Technical Data Sheet

PE91107

#### Configuration

- BNC Triax Female Connector 1
- BNC Triax Female Connector 2
- Non-Constant Impedance
- Straight Body Geometry

#### Features

- BNC Triax interface compliant with MIL-C-39012
- Contact plating according to MIL-G-45204
- Gold Plated Contact

#### Applications

- General Purpose Test

#### Description

Pasternack's PE91107 BNC Triax female to BNC Triax female adapter is part of our full line of RF components available for same-day shipping. Our BNC Triax to BNC Triax adapter has a female to female gender configuration. PE91107 BNC Triax female to BNC Triax female adapter operates to 500 MHz.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/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. Pasternack 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	Minimum	Typical	Maximum	Units
Frequency Range	DC		500	MHz
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms
Insulation Resistance	5,000			MOhms

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

#### Mechanical Specifications

##### Size

Length	1.35 in [34.29 mm]
Width	0.45 in [11.43 mm]
Weight	0.027 lbs [12.25 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Triax Female to BNC Triax Female Adapter, 3 Lug PE91107](#)



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

**Material Specifications**

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	BNC Triax Female		BNC Triax Female	
Contact		Gold MIL-G-45204		Gold MIL-G-45204
Outer Conductor	Brass	Nickel QQ-N-290	Brass	Nickel 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:

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## BNC Triax Female to BNC Triax Female Adapter, 3 Lug

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BNC Triax Female to BNC Triax Female Adapter, 3 Lug from Pasternack Enterprises 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.

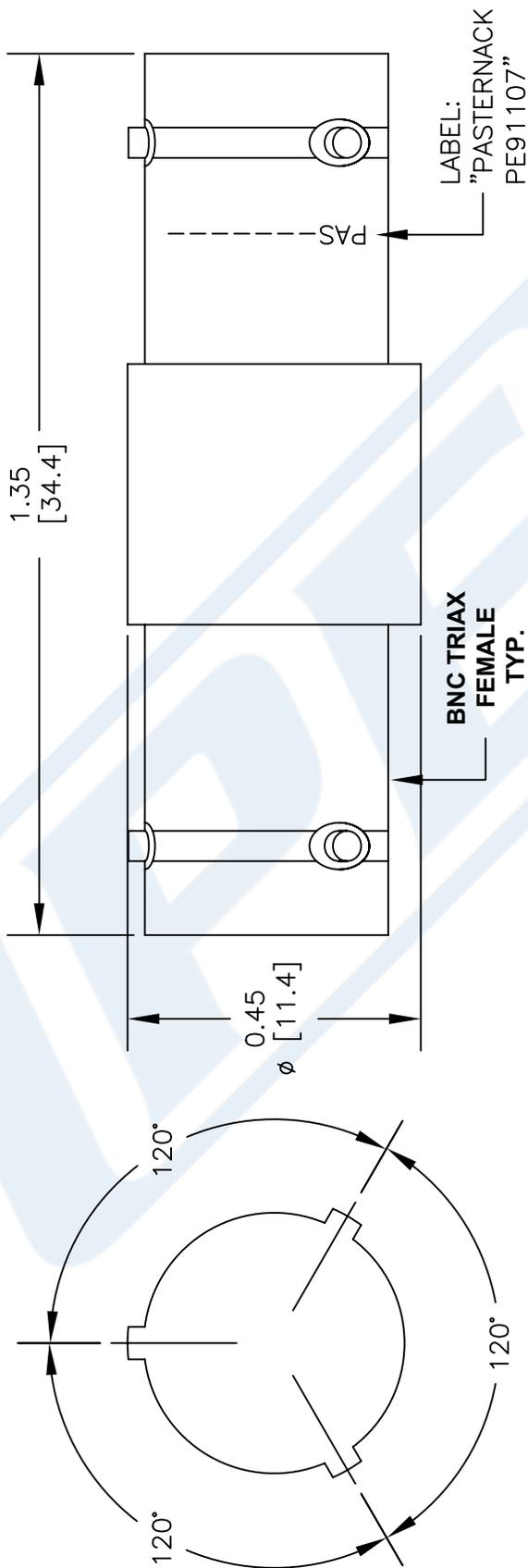
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Triax Female to BNC Triax Female Adapter, 3 Lug PE91107](https://www.pasternack.com/bnc-triax-female-bnc-triax-female-straight-adapter-pe91107-p.aspx)

URL: <https://www.pasternack.com/bnc-triax-female-bnc-triax-female-straight-adapter-pe91107-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. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

# PE91107 CAD Drawing

BNC Triax Female to BNC Triax Female Adapter, 3 Lug



STANDARD TOLERANCES	
DECIMAL	±0.02
.XX	±0.005
.XXX	±0.005

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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].

DWG TITLE  
**PE91107**

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CAD FILE 061316 SCALE N/A

FSCM NO. 53919

SIZE A 3045