

## Barrel Feedthru Coupling Adapter - TRB 3-Lug Jack to TRB 3-Lug Jack

**PE410-06901**



### Configuration

- TRB 3-Lug Jack Connector 1
- TRB 3-Lug Jack Connector 2
- 1553 Design
- Straight Body Geometry

### Features

- TRB 3-Lug interface compliant with MIL-STD-1553B

### Applications

- General Purpose Test

### Description

Pasternack's PE410-06901 TRB 3-Lug jack to TRB 3-Lug jack adapter is part of our full line of RF components available for same-day shipping. Our TRB 3-Lug to TRB 3-Lug adapter has a jack to jack gender configuration in a 1553 design. PE410-06901 TRB 3-Lug jack to TRB 3-Lug jack 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

### Mechanical Specifications

#### Size

Length	1.29 in [32.77 mm]
Width	0.50 in [12.70 mm]
Height	0.50 in [12.70 mm]
Weight	0.10 lbs [45.36 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard
Interface Specification	MIL-STD-1553B	MIL-STD-1553B
Mating Cycles, Min	500	500

### Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	TRB 3-Lug Jack		TRB 3-Lug Jack	

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### Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Insulation	PTFE		PTFE	
Outer Conductor	Phosphor Bronze	Gold	Phosphor Bronze	Gold
Body	Brass	Tri-Metal	Brass	Tri-Metal

### Environmental Specifications

#### Temperature

Operating Range -65 to +165 °C

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

### Plotted and Other Data

Barrel Feedthru Coupling Adapter - TRB 3-Lug Jack to TRB 3-Lug Jack from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% 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: [Barrel Feedthru Coupling Adapter - TRB 3-Lug Jack to TRB 3-Lug Jack PE410-06901](#)

URL: <https://www.pasternack.com/trb-Jack-to-trb-Jack-adapter-pe410-06901-p.aspx>

The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE410-06901 CAD Drawing
Barrel Feedthru Coupling Adapter - TRB 3-Lug Jack to TRB 3-Lug Jack

