

Tee Adapter - Two TRB 3-Lug Jacks to One TRB 3-Lug Plug

PE410-06905



Configuration

- TRB 3-Slot Plug Connector 1
- TRB 3-Lug Jack Connector 2
- 1553 Design
- Tee Body Geometry

Features

- TRB 3-Slot interface compliant with MIL-STD-1553B
- TRB 3-Lug interface compliant with MIL-STD-1553B
- 30 µin contact plating

Applications

- Allows Connection Between Series
- General Purpose Test

Description

Pasternack's PE410-06905 TRB 3-Slot Tee adapter is part of our full line of RF components available for same-day shipping. Our TRB 3-Slot tee adapter has a plug-jack- gender configuration in a 1553 design. Our TRB 3-Slot tee connector operates to 500 MHz. Tee adapters (also called tee connectors) are three port devices that can be used to split or combine a signal. Unlike power dividers/combiners, however, they do not provide matched impedance at all ports.

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	1.10 in [27.94 mm]
Width	0.57 in [14.48 mm]
Height	1.28 in [32.51 mm]
Weight	0.05 lbs [23.59 g]

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

Mechanical Specification Notes:
Isolated

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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	TRB 3-Slot Plug		TRB 3-Lug Jack	
Contact	Beryllium Copper	Gold 30 µin		
Insulation	PTFE		PTFE	
Outer Conductor			Beryllium Copper	Gold 30 µin
Body	Brass	Nickel	Brass	Nickel

Environmental Specifications

Temperature

Operating Range -65 to +165 °C

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

Plotted and Other Data

Tee Adapter - Two TRB 3-Lug Jacks to One TRB 3-Lug Plug 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: [Tee Adapter - Two TRB 3-Lug Jacks to One TRB 3-Lug Plug PE410-06905](#)

URL: <https://www.pasternack.com/trb-t-adapter-pe410-06905-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.

PE410-06905 CAD Drawing

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