

7/16 DIN Tee Adapter Female-Male-Female

RF Adapters Technical Data Sheet

PE9557

Configuration

- 7/16 DIN Female Connector 1
- 7/16 DIN Male Connector 2
- 50 Ohm
- Tee Body Geometry

Features

- 7/16 DIN interface compliant with MIL-C-39012
- Epoxy captivation
- Contact plating according to QQ-S-365
- 7/16 DIN Interface compliant with MIL-C-39012
- Silver Plated Contact
- Contact Plating per QQ-S-365
- Epoxy captivation

Applications

- General Purpose Test
- General Purpose Test

Description

Pasternack's PE9557 7/16 DIN Tee adapter female-male-female is part of our full line of RF components available for same-day shipping. Our 7/16 DIN tee adapter has a female-male-female gender configuration. Our 7/16 DIN tee connector operates to 7.5 GHz. 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

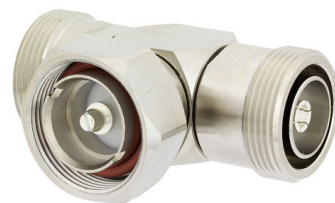
Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		7.5	GHz
Operating Voltage (AC)			2,700	Vrms
Dielectric Withstanding Voltage (AC)			4,000	Vrms

Mechanical Specifications

Size

Length	2.74 in [69.6 mm]
Width	1.25 in [31.75 mm]
Height	2 in [50.8 mm]
Weight	0.643 lbs [291.66 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [7/16 DIN Tee Adapter Female-Male-Female PE9557](#)



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Description	Connector 1	Connector 2
Type	7/16 DIN Female	7/16 DIN Male
Polarity	Standard	Standard
Interface Specification	MIL-C-39012	MIL-C-39012
Contact Captivation Method	Epoxy	Epoxy
Hex Size		1 1/4 in.
Mating Torque	221 to 265 in-lbs 24.97 to 29.95 Nm	

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	7/16 DIN Female		7/16 DIN Male	
Contact		Silver QQ-S-365		Silver QQ-S-365
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel QQ-N-290		
Body			Brass	Nickel QQ-N-290
Coupling Nut			Brass	Nickel QQ-N-290

Environmental Specifications

Temperature

Operating Range

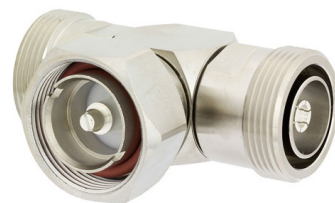
-65 to +165 °C

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

Plotted and Other Data

Notes:

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7/16 DIN Tee Adapter Female-Male-Female 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.

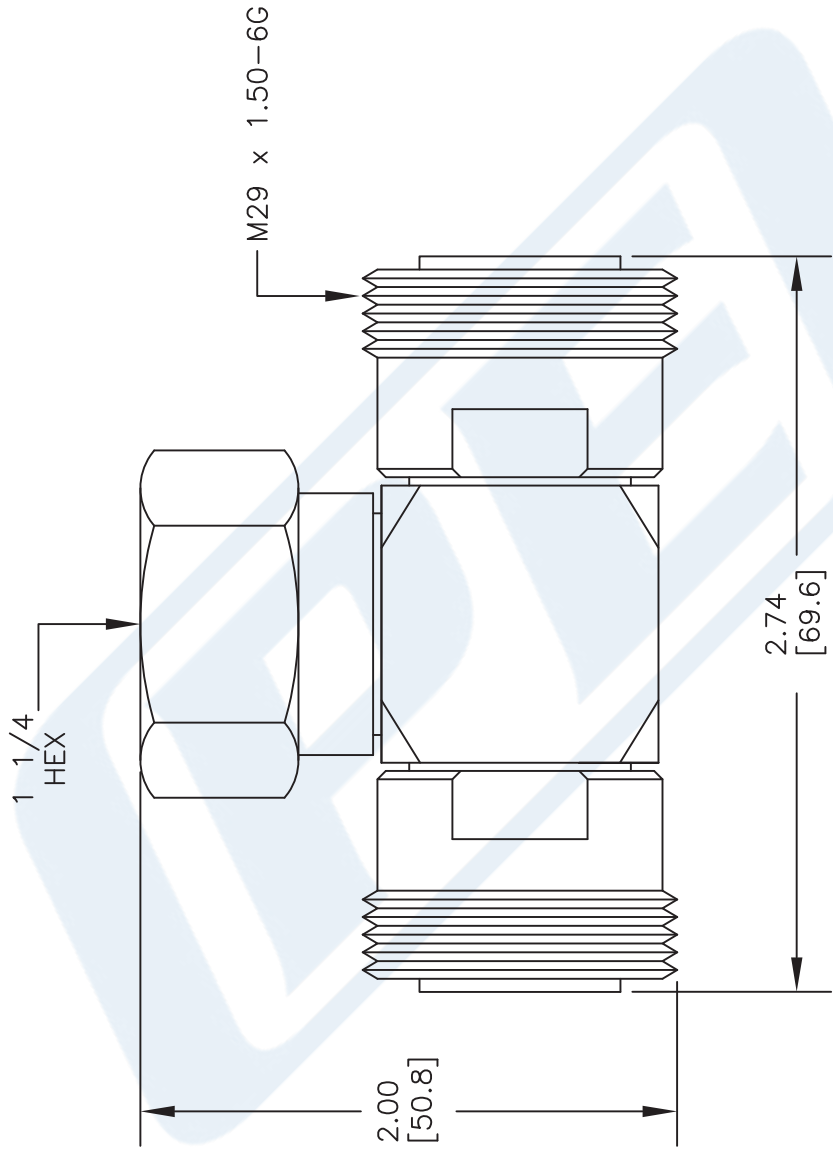
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [7/16 DIN Tee Adapter Female-Male-Female PE9557](https://www.pasternack.com/7-16-din-female-male-female-tee-adapter-pe9557-p.aspx)

URL: <https://www.pasternack.com/7-16-din-female-male-female-tee-adapter-pe9557-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.

PE9557 CAD Drawing

7/16 DIN Tee Adapter Female-Male-Female



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		FSCM NO. 53919		CAD FILE		SCALE N/A		SIZE A		2233	
PE9557											

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