



7/16 DIN Male to 7/16 DIN Female Right Angle Adapter

RF Adapters Technical Data Sheet

PE91117

Configuration

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

Features

- Max VSWR of 1.25:1 up to 6 GHz
- Silver Plated Brass Contact
- Max VSWR of 1.25:1 up to 6 GHz
- Silver Plated Brass Contact

Applications

- General Purpose Test
- General Purpose Test

Description

Pasternack's PE91117 7/16 DIN male to 7/16 DIN female right angle adapter is part of our full line of RF components available for same-day shipping. Our 7/16 DIN to 7/16 DIN adapter has a male to female gender configuration. PE91117 7/16 DIN male to 7/16 DIN female adapter operates to 6 GHz. The Pasternack RF adapter provides excellent VSWR of 1.25:1 maximum. This right angle 7/16 DIN to 7/16 DIN adapter allows for easier connections in tight spaces.

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		6	GHz
VSWR			1.25:1	
Input Power (CW)			730	Watts
Input Power (Peak)			40	KWatts

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 1	1 to 2	2 to 3	3 to 4	4 to 6	GHz
Input Power (CW), Max	1.8	1.27	1.04	800	730	KWatts

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

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 Male to 7/16 DIN Female Right Angle Adapter PE91117](#)



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Mechanical Specifications

Size

Length	2.16 in [54.86 mm]
Width	1.86 in [47.24 mm]
Height	1.26 in [32 mm]
Weight	0.824 lbs [373.76 g]

Description	Connector 1	Connector 2
Type	7/16 DIN Male	7/16 DIN Female
Polarity	Standard	Standard
Hex Size	32 mm	
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 Male		7/16 DIN Female	
Contact	Brass	Silver	Brass	Silver
Insulation	PTFE		PTFE	
Outer Conductor			Brass	Tri-Metal
Body	Brass	Tri-Metal		
Coupling Nut	Brass	Tri-Metal		

Environmental Specifications

Temperature

Operating Range	-40 to +120 deg C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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7/16 DIN Male to 7/16 DIN Female Right Angle Adapter 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.

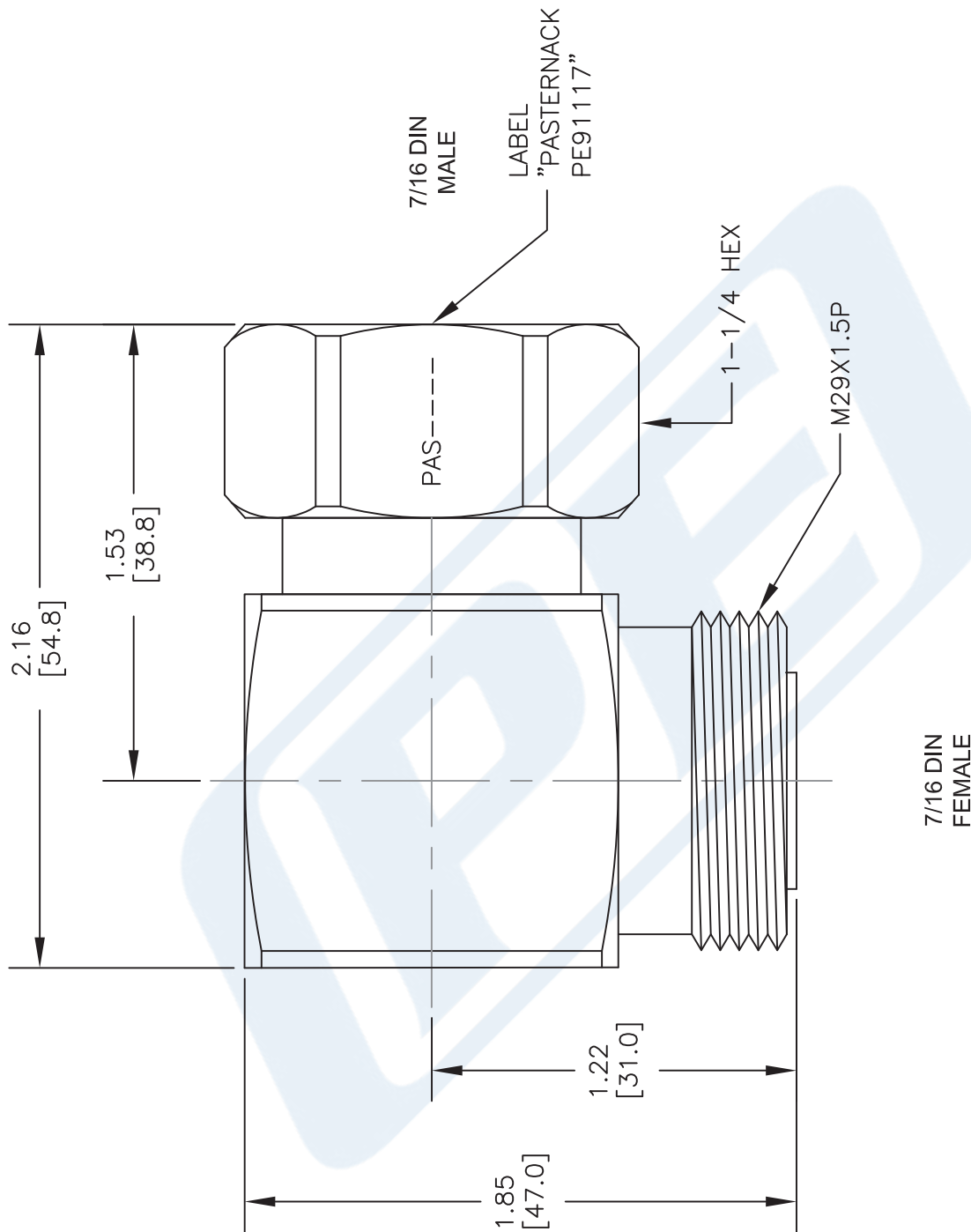
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The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. 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.

PE91117 CAD Drawing

7/16 DIN Male to 7/16 DIN Female Right Angle Adapter



STANDARD TOLERANCES
 .X ±0.2
 .XX ±0.1
 .XXX ±0.05

*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
PE91117

FSCM NO. 53919

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CAD FILE 082616

SCALE N/A

SIZE A

41742

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