



Low PIM 7/16 DIN Female to 7/16 DIN Female Bulkhead Mount Adapter

RF Adapters Technical Data Sheet

PE1280

Configuration

- 7/16 DIN Female Connector 1
- 7/16 DIN Female Connector 2
- 50 Ohm
- Low PIM Design
- Straight Body Geometry
- Bulkhead Mount Method

Features

- Typical PIM levels of -160 dBc
- Silver Plated Beryllium Copper Contact

Applications

- General Purpose Test
- Rack Mounted Equipment
- Low PIM Applications

Description

Pasternack's PE1280 7/16 DIN female to 7/16 DIN female bulkhead 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 female to female gender configuration in a low PIM design. PE1280 7/16 DIN female to 7/16 DIN female adapter operates to 6 GHz. The Pasternack adapter provides a passive intermodulation of -160 dBc typical. This RF 7/16 DIN to 7/16 DIN bulkhead adapter allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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		1.2:1		
Passive Intermodulation		-160		dBc
Dielectric Withstanding Voltage (AC)			2,500	Vrms
Insulation Resistance	10,000			MOhms

Mechanical Specifications

Size	
Length	1.93 in [49.02 mm]
Width	1.76 in [44.7 mm]
Weight	0.03 lbs [13.61 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Low PIM 7/16 DIN Female to 7/16 DIN Female Bulkhead Mount Adapter PE1280](#)



Low PIM 7/16 DIN Female to 7/16 DIN
Female Bulkhead Mount Adapter

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Description	Connector 1	Connector 2
Type	7/16 DIN Female	7/16 DIN Female
Polarity	Standard	Standard

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	7/16 DIN Female		7/16 DIN Female	
Contact	Beryllium Copper	Silver	Beryllium Copper	Silver
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Tri-Metal	Brass	Tri-Metal
Body	Brass	Tri-Metal	Brass	Tri-Metal
Gasket	Silicone Rubber		Silicone Rubber	

Environmental Specifications

Temperature

Operating Range -45 to +120 °C

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

Plotted and Other Data

Notes:

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Low PIM 7/16 DIN Female to 7/16 DIN Female Bulkhead Mount 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Low PIM 7/16 DIN Female to 7/16 DIN Female Bulkhead Mount Adapter PE1280](#)

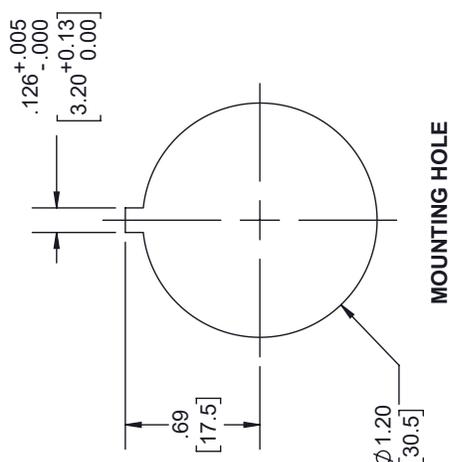
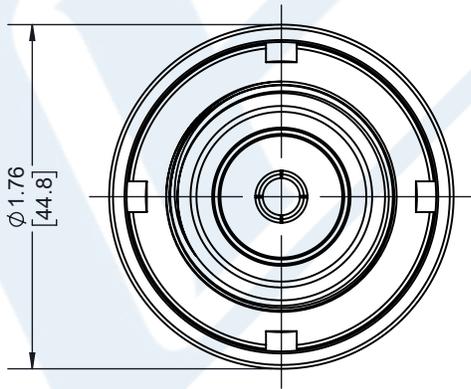
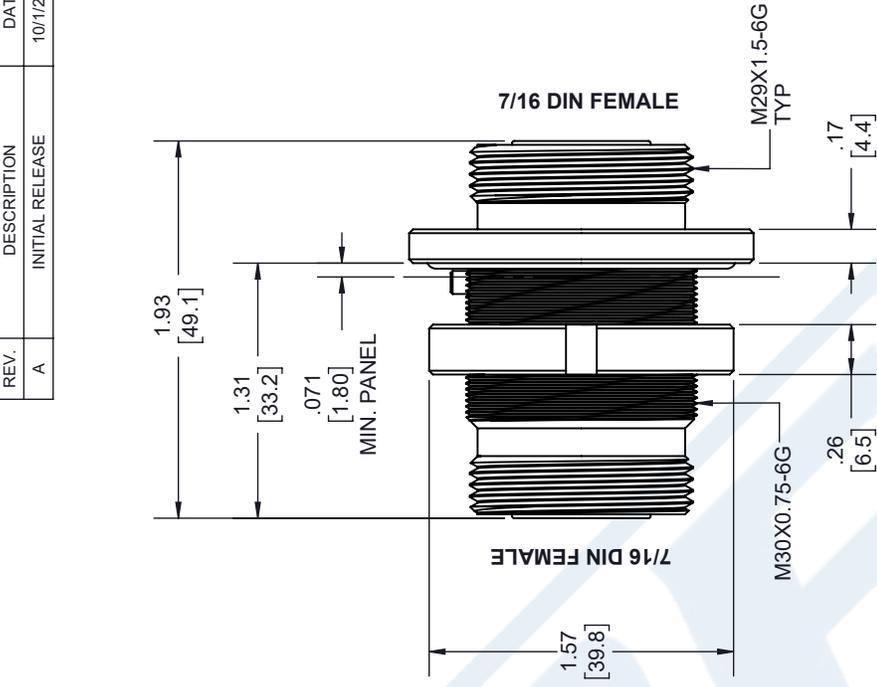
URL: <https://www.pasternack.com/low-pim-7-16-din-female-to-7-16-din-female-bulkhead-mount-adapter-pe1280-p.aspx>

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.

PE1280 CAD Drawing

Low PIM 7/16 DIN Female to 7/16 DIN Female Bulkhead Mount Adapter

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	10/1/2021	A. GANWANI



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:
 .X = ±.2 [5.08] FRACTIONS ± 1/32
 .XX = ±.02 [.51] ANGLES ± 1°
 .XXX = ±.005 [.13]

CABLE LENGTH (L), TOLERANCES:
 L ≤ 12 [305] = +1 [25] / -0
 12 [305] < L ≤ 60 [1524] = +2 [51] / -0
 60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
 120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
 300 [7620] < L = +5% / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

REV A

ITEM NO. PE1280

DRAWN BY K.DANG

CAGE CODE 53919

SALES: sales@pasternack.com

Website: www.pasternack.com

Fax: 1.949.261.7451

Phone: 1.949.261.1920 | 1.866.727.8376

P.O. Box 16759, Irvine, CA 92623.

Pasternack Enterprises, Inc.

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