



## 7-16 DIN Male to 2.2-5 Male Adapter, Low PIM

### RF Adapters Technical Data Sheet

PE9798

#### Configuration

- 7/16 DIN Male Connector 1
- 2.2-5 Male Connector 2
- 50 Ohm
- Low PIM Design
- Straight Body Geometry

#### Features

- Max VSWR of 1.25:1 up to 8 GHz
- Typical PIM levels of -160 dBc
- Silver Plated Brass Contact
- VSWR of 1.25:1 max up to 8 GHz
- PIM levels better than -160 dBc
- Silver Plated Bronze Contact
- Low Coupling Torque
- Corrosion Resistant Tri-Metal finish

#### Applications

- Allows Connection Between Series
- General Purpose Test
- Low PIM Applications
- Enables Between Series Connections
- General Purpose Test
- Low PIM Applications
- Mobile Communications Systems
- Base Stations
- Distributed Antenna Systems
- Small Cells
- Feeder Cables

#### Description

Pasternack's PE9798 7/16 DIN male to 2.2-5 male adapter is part of our full line of RF components available for same-day shipping. Our 7/16 DIN to 2.2-5 adapter has a male to male gender configuration in a low PIM design. PE9798 7/16 DIN male to 2.2-5 male adapter operates to 8 GHz. The Pasternack RF adapter provides excellent VSWR of 1.25:1 maximum and passive intermodulation of -160 dBc typical.

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		8	GHz
VSWR			1.25:1	
Passive Intermodulation		-160		dBc
Dielectric Withstanding Voltage (AC)			750	Vrms

#### Mechanical Specifications

##### Size

Length 1.7 in [43.18 mm]

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 2.2-5 Male Adapter, Low PIM PE9798](#)



## 7-16 DIN Male to 2.2-5 Male Adapter, Low PIM

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Width 1.38 in [35.05 mm]  
Weight 0.25 lbs [113.4 g]

Description	Connector 1	Connector 2
Type	7/16 DIN Male	2.2-5 Male
Polarity	Standard	Standard

#### Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	7/16 DIN Male		2.2-5 Male	
Contact	Brass	Silver	Brass	Silver
Insulation	PTFE		PTFE	
Body	Brass	Tri-Metal	Brass	Tri-Metal
Coupling Nut	Brass	Tri-Metal	Brass	Tri-Metal

#### Environmental Specifications

##### Temperature

Operating Range -40 to +155 °C

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

#### Plotted and Other Data

Notes:

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## 7-16 DIN Male to 2.2-5 Male Adapter, Low PIM

### RF Adapters Technical Data Sheet

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7-16 DIN Male to 2.2-5 Male Adapter, Low PIM 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 Male to 2.2-5 Male Adapter, Low PIM PE9798](https://www.pasternack.com/7-16-din-male-2.2-5-male-straight-adapter-pe9798-p.aspx)

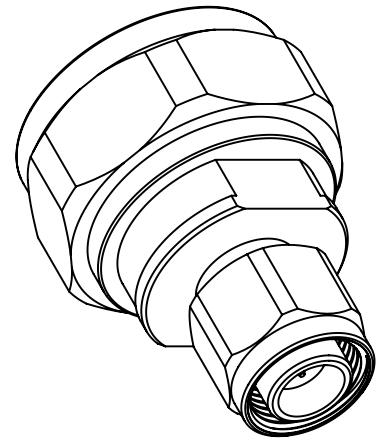
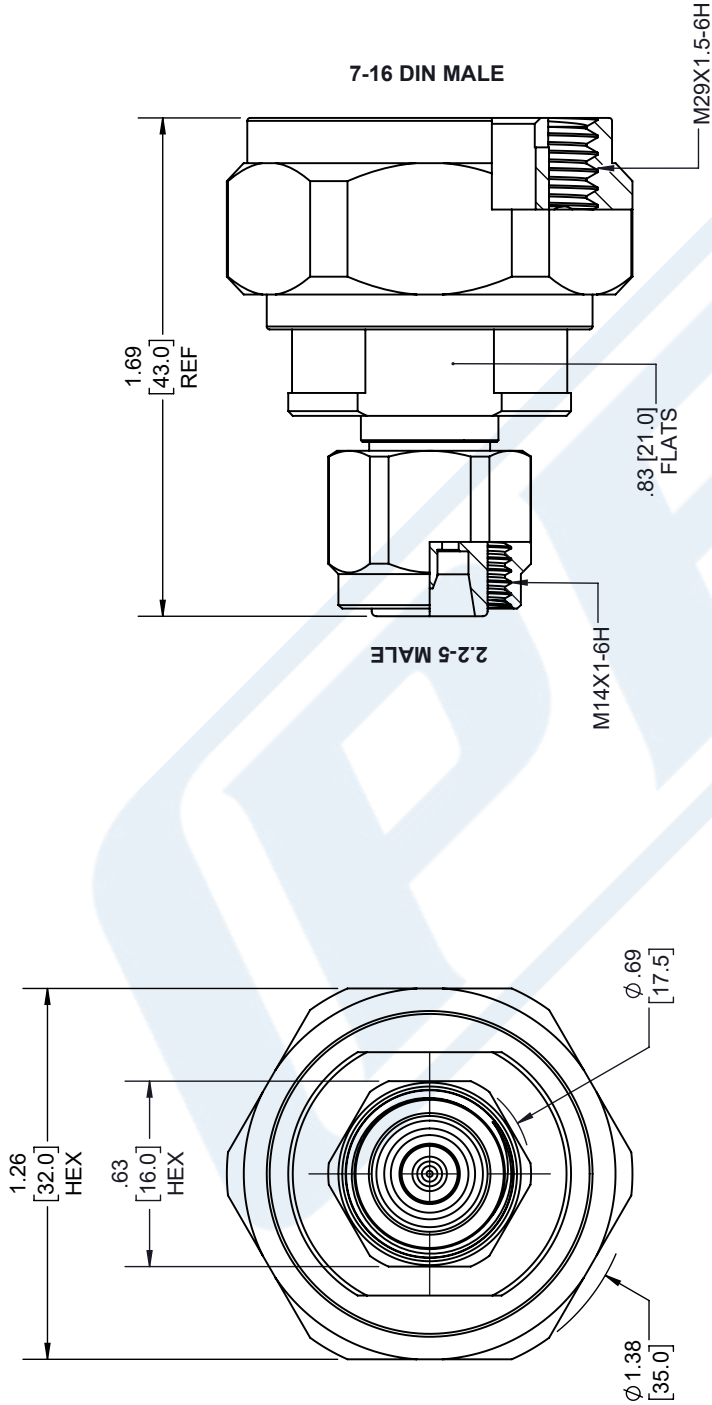
URL: <https://www.pasternack.com/7-16-din-male-2.2-5-male-straight-adapter-pe9798-p.aspx>

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.

# PE9798 CAD Drawing

## 7-16 DIN Male to 2.2-5 Male Adapter, Low PIM

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	6/25/2021	A. GANWANI



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

TOLERANCES:

.X = ±.2 [5.08] FRACTIONS

.XX = ±.02 [ .51 ] ±.1/32

.XXX = ±.005 [ .13 ] ANGLES ± 1°

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. PE9798

DRAWN BY K.DANG

SIZE A

CAGE CODE 53919

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