



## 7/16 DIN Male to 7/16 DIN Male Adapter

**RF Adapters Technical Data Sheet****PE91543****Configuration**

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

**Features**

- 7/16 DIN interface compliant with MIL-STD-348
- Gold over Nickel Plated Brass Contact

**Applications**

- General Purpose Test

**Description**

Pasternack's PE91543 7/16 DIN male to 7/16 DIN male 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 male gender configuration. PE91543 7/16 DIN male to 7/16 DIN male adapter operates to 7.5 GHz.

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
Insulation Resistance	10,000			MOhms

**Mechanical Specifications****Size**

Length	1.85 in [46.99 mm]
Width	1.25 in [31.75 mm]
Height	1.25 in [31.75 mm]
Weight	0.327 lbs [148.32 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 Male to 7/16 DIN Male Adapter PE91543](#)



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### RF Adapters Technical Data Sheet

**PE91543**

Description	Connector 1	Connector 2
Type	7/16 DIN Male	7/16 DIN Male
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	MIL-STD-348
Mating Cycles	500	500
Hex Size	1 1/4 in.	1 1/4 in.

#### Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	7/16 DIN Male		7/16 DIN Male	
Contact	Brass	Gold over Nickel	Brass	Gold over Nickel
Insulation	PTFE		PTFE	
Body	Brass	Nickel	Brass	Nickel
Gasket	NBR		NBR	
Coupling Nut	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

Notes:

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 Male Adapter PE91543](#)



## 7/16 DIN Male to 7/16 DIN Male Adapter

### RF Adapters Technical Data Sheet

**PE91543**

7/16 DIN Male to 7/16 DIN Male 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.

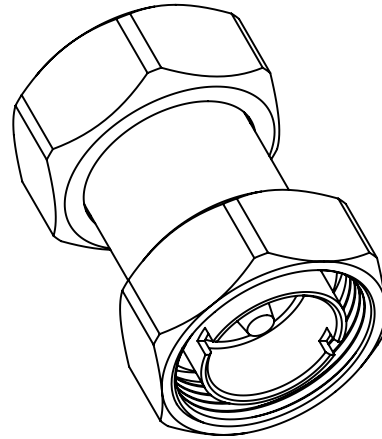
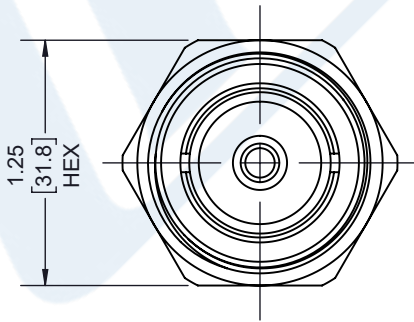
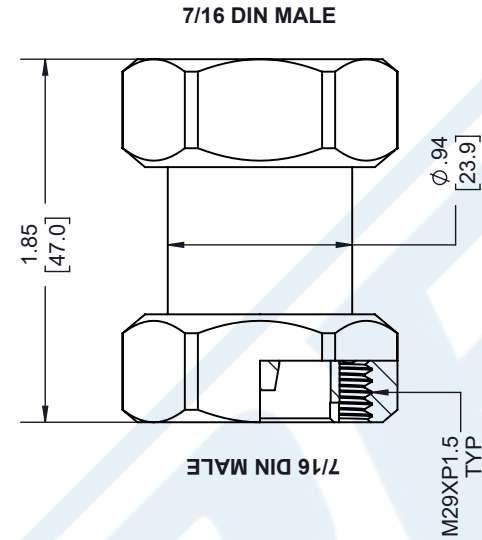
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [7/16 DIN Male to 7/16 DIN Male Adapter PE91543](https://www.pasternack.com/7-16-din-male-7-16-din-male-straight-adapter-pe91543-p.aspx)

URL: <https://www.pasternack.com/7-16-din-male-7-16-din-male-straight-adapter-pe91543-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.

PE91543 CAD Drawing  
7/16 DIN Male to 7/16 DIN Male Adapter

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	6/3/2022	A. GANWANI



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

TOLERANCES:

X = ± 2	[.008]	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%L / -0

ALL DIMENSIONS SHOWN  
ARE FOR REFERENCE ONLY.

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SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	53919	K.DANG	PE91543



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SHEET	1	OF	1
SCALE	N/A		
REV	A		