



## Low PIM 7/16 DIN Female to 4.1/9.5 Mini DIN Female Adapter

### TECHNICAL DATA SHEET

PE91091

#### Low PIM 7/16 DIN Female to 4.1/9.5 Mini DIN Female Adapter

##### Configuration

Connector 1	7/16 DIN Female
Impedance 1	50 Ohms
Connector 2	4.1/9.5 Mini DIN Female
Impedance 2	50 Ohms
Adapter Design	Low PIM
Body Style	Straight

##### Electrical Specifications

Frequency Range, GHz	DC to 6
Maximum VSWR	1.25:1
Maximum Passive Intermodulation (2 x 20 Watts), dBc	-160

##### Frequency 1

Frequency, GHz	DC to 3
VSWR	1.1:1

##### Frequency 2

Frequency, GHz	3 to 4
VSWR	1.15:1

##### Mechanical Specifications

###### Temperature

Operating Range, deg C	-40 to +120
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###### Size

Length, in [mm]	1.87 [47.5]
Width/Dia., in [mm]	1.14 [28.96]

##### Connector 1

Type	7/16 DIN Female
Inner Conductor Material and Plating	Beryllium Copper, Silver
Outer Conductor Material and Plating	Brass, Tri-Metal
Body Material and Plating	Brass, Tri-Metal
Dielectric Type	PTFE

##### Connector 2

Type	4.1/9.5 Mini DIN Female
Inner Conductor Material and Plating	Beryllium Copper, Silver
Outer Conductor Material and Plating	Brass, Tri-Metal
Body Material and Plating	Brass, Tri-Metal
Dielectric Type	PTFE

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 4.1/9.5 Mini DIN Female Adapter PE91091](#)

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.



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**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant

Yes

**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

Low PIM 7/16 DIN Female to 4.1/9.5 Mini DIN Female Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

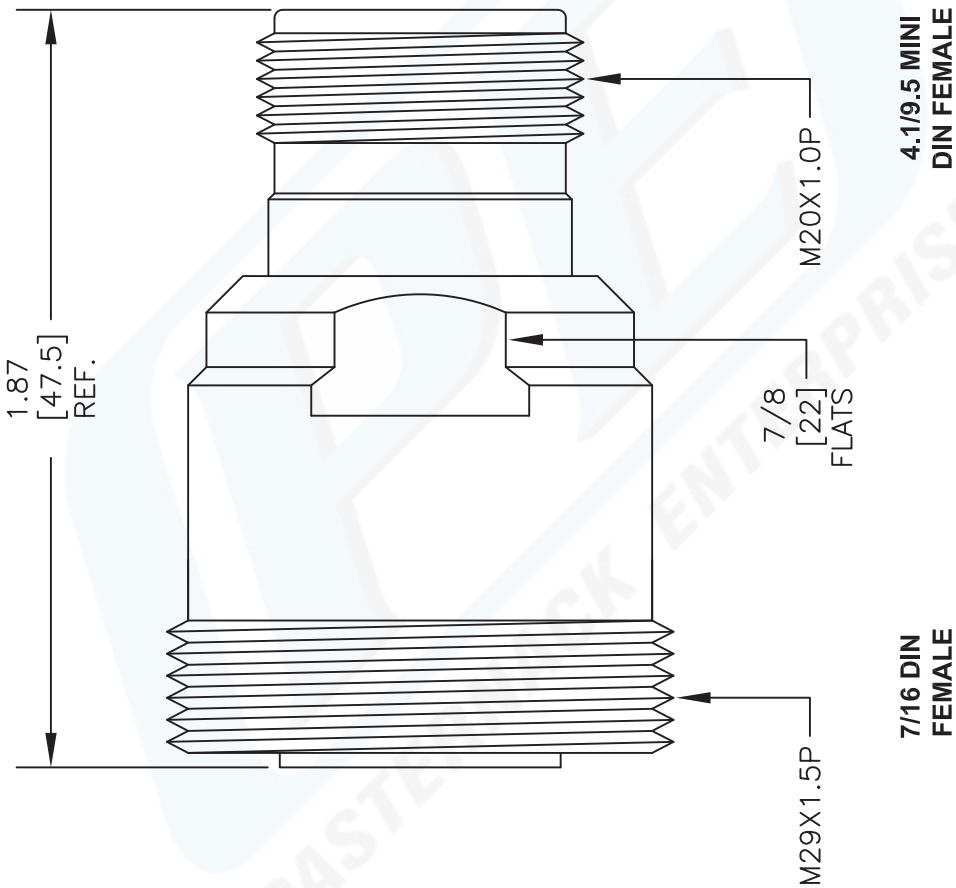
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PE91091 CAD Drawing

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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
PE91091	



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