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Precision SMA Male to 7/16 DIN Female Adapter Low PIM, Low VSWR



PE91041

SMA Male to 7/16 DIN Female Low PIM, Low VSWR Precision Adapters

- PIM levels <-165 dBc
- Low VSWR levels up to 8 GHz.
- Tri-metal Albaloy coating
  - durable surface with good corrosion protection
  - abrasion resistance
  - superior electrical contact properties.
- Available is various connector combinations
  - 7/16 DIN in-series
  - Type N in-series
  - 7/16 DIN to Type N and SMA in-between series
- 4-hole flange and bulkhead-mounted styles available
- Ideal choice for use in portable PIM testing

Configuration

Connector 1	SMA Male
Connector 2	7/16 DIN Female
Adapter Design	Precision
Body Style	Straight

Electrical Specifications

Frequency Range (GHz)	DC to 8
Impedance (Ohms)	50
VSWR, Max	1.29:1
Dielectric Withstanding Voltage (Vrms)	1000
Passive Intermodulation ((<-) dBc @ 2 x 20 Watts)	-165

Frequency 1

Frequency (GHz)	DC to 2
VSWR	1.05:1
Return Loss (dB)	27

Frequency 2

Frequency (GHz)	2 to 5
VSWR	1.22:1

Frequency 3

Frequency (GHz)	5 to 8
VSWR	1.29:1

Click the following link for the additional product information:
Precision SMA Male to 7/16 DIN Female Adapter Low PIM, Low VSWR PE91041

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Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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Mechanical Specifications

Temperature Operating Range (deg C)	-55 to +155
Weight (lbs)	0.14
Length (inches)	1.3
Width/Dia. (inches)	1.142
Dielectric Type	PTFE
Connector 1	**SMA Male**
Hex Size (mm)	8
Torque (in-lb)	4.4
Mating Cycles	100
Inner Conductor Material and Plating	Beryllium Copper, Gold, 0.76µm
Outer Conductor Material and Plating	Brass, Tri Metal – Albaloy, 2.54µm
Coupling Nut Material and Plating	Brass, Tri Metal – Albaloy, 2.54µm
Connector 2	**7/16 DIN Female**
Mating Cycles	500
Inner Conductor Material and Plating	Beryllium Copper, Silver, 5µm
Outer Conductor Material and Plating	Brass, Tri Metal – Albaloy, 2.54µm

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes, by exemption

Other Data

URL: http://www.pasternack.com/sma-male-7-16-female-straight-adapter-pe91041-p.aspx

Precision SMA Male to 7/16 DIN Female Adapter Low PIM, Low VSWR 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.

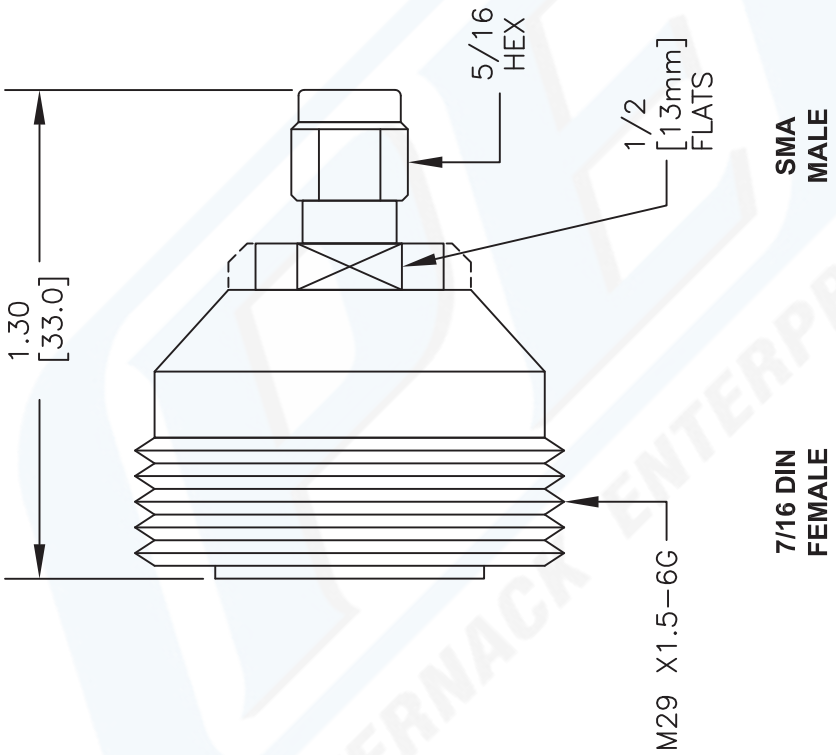
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PE91041 CAD Drawing

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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 **PE91041**

REV. -	FSCM NO. 53919	CAD FILE 050312	SCALE N/A	SIZE A	2233

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