



PE91043

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

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

- PIM levels <-165 dBc
- Low VSWR levels up to 7.5 GHz.
- Tri-metal Albaloy coating
 - durable surface with good corrosion protection
 - abrasion resistance
 - superior electrical contact properties.
- Available in 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 Male
Adapter Design	Precision
Body Style	Straight

Electrical Specifications

Frequency Range (GHz)	DC to 7.5
Impedance (Ohms)	50
VSWR, Max	1.09:1
Dielectric Withstanding Voltage (Vrms)	1000
Passive Intermodulation ((<-) dBc @ 2 x 20 Watts)	-165

Frequency 1

Frequency (GHz)	DC to 7.5
VSWR	1.09:1
Return Loss (dB)	27

Click the following link for the additional product information:
[Precision SMA Male to 7/16 DIN Male Adapter Low PIM, Low VSWR PE91043](#)

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Mechanical Specifications

Temperature Operating Range (deg C)	-55 to +155
Weight (lbs)	0.18
Length (inches)	1.28
Width/Dia. (inches)	1.39
Dielectric Type	PTFE

Connector 1

Hex Size (mm)
Torque (in-lb)
Mating Cycles
Inner Conductor Material and Plating
Outer Conductor Material and Plating
Coupling Nut Material and Plating

SMA Male

8
4.4
100
Beryllium Copper, Gold, 0.76µm
Brass, Tri Metal – Albaloy, 2.54µm
Brass, Tri Metal – Albaloy, 2.54µm

Connector 2

Hex Size (mm)
Torque (ft-lb)
Mating Cycles
Inner Conductor Material and Plating
Outer Conductor Material and Plating
Coupling Nut Material and Plating

7/16 DIN Male

32
18.4
500
Brass, Silver, 5µm
Brass, Tri Metal – Albaloy, 2.54µm
Brass, Tri Metal – Albaloy, 2.54µm

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

RoHS Compliant Yes, by exemption

Other Data

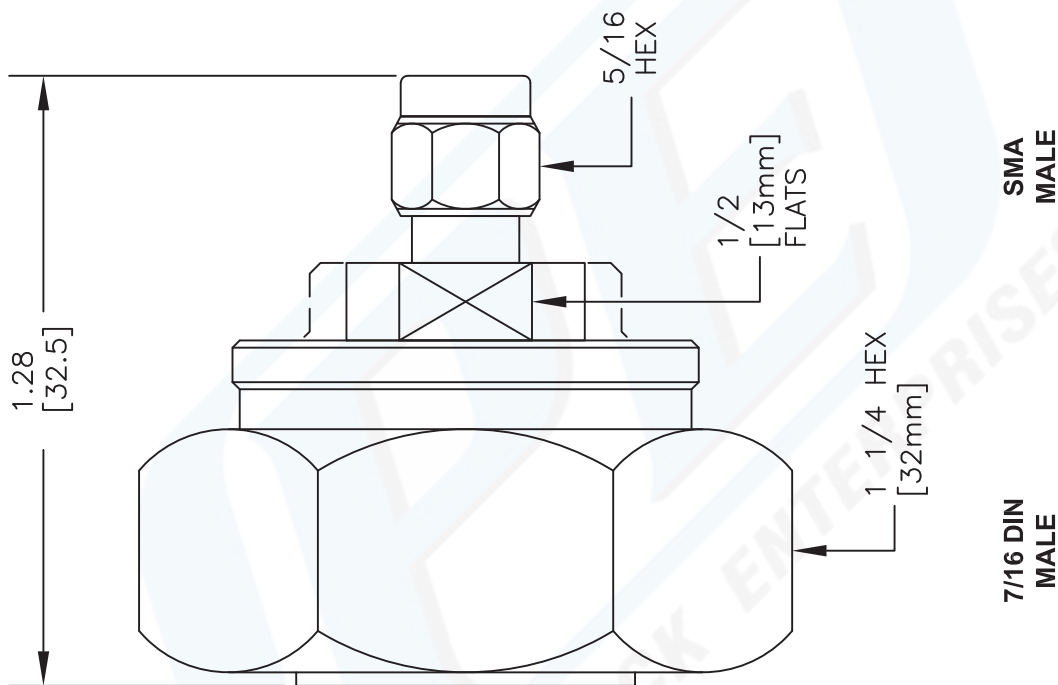
URL: <http://www.pasternack.com/sma-male-7-16-male-straight-adapter-pe91043-p.aspx>

Precision SMA Male to 7/16 DIN Male 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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PE91043 CAD Drawing

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



DWG TITLE

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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].

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COAXIAL & FIBER OPTICS



FSCM NO. 53919

CAD FILE 050312

SCALE N/A

SIZE A

2233