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

TECHNICAL DATA SHEET PE91041

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

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

Configuration

Connector 1	SMA Male
Impedance 1	50 Ohms
Connector Specification 1	MIL-STD-348
Connector 2	7/16 DIN Female
Impedance 2	50 Ohms
Connector Specification 2	IEC 169-4 (0.232 dia. Enhancement)
Adapter Design	Low PIM
Body Style	Straight

Electrical Specifications

Frequency Range, GHz	DC to 8
Maximum VSWR	1.29:1
Dielectric Withstanding Voltage, Vrms	1,000
Maximum Passive Intermodulation (2 x 20 Watts), dBc	-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

Mechanical Specifications

Temperature	
Operating Range,deg C	-55 to +155

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Low PIM SMA Male to 7/16 DIN Female Adapter Low VSWR PE91041

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

ISO 9001 : 2008 Registered

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Size

Length, in [mm]	1.3 [33.02]
Width/Dia., in [mm]	1.142 [29.01]
Weight, lbs [g]	0.14 [63.5]

Connector 1

Type	SMA Male
Mating Cycles	100
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	200 [5] µ in. [µm] minimum
Coupling Nut Material and Plating	Brass, Tri-Metal
Coupling Nut Plating Specification	100 [2.54] µ in. [µm] minimum
Hex Size, in.	5/16
Torque, in-lbs [Nm]	5 [0.57]
Body Material and Plating	Brass, Tri-Metal
Body Plating Specification	100 [2.54] µ in. [µm] minimum
Dielectric Type	PTFE

Connector 2

Type	7/16 DIN Female
Mating Cycles	500
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	200 [5] µ in. [µm] minimum
Body Material and Plating	Brass, Tri-Metal
Body Plating Specification	100 [2.54] µ in. [µm] minimum
Dielectric Type	PTFE

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

RoHS Compliant	Yes

Plotted and Other Data

Notes:	Values at 25 °C, sea level

Low PIM SMA Male to 7/16 DIN Female Adapter 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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URL: http://www.pasternack.com/sma-male-7-16-female-straight-adapter-pe91041-p.aspx

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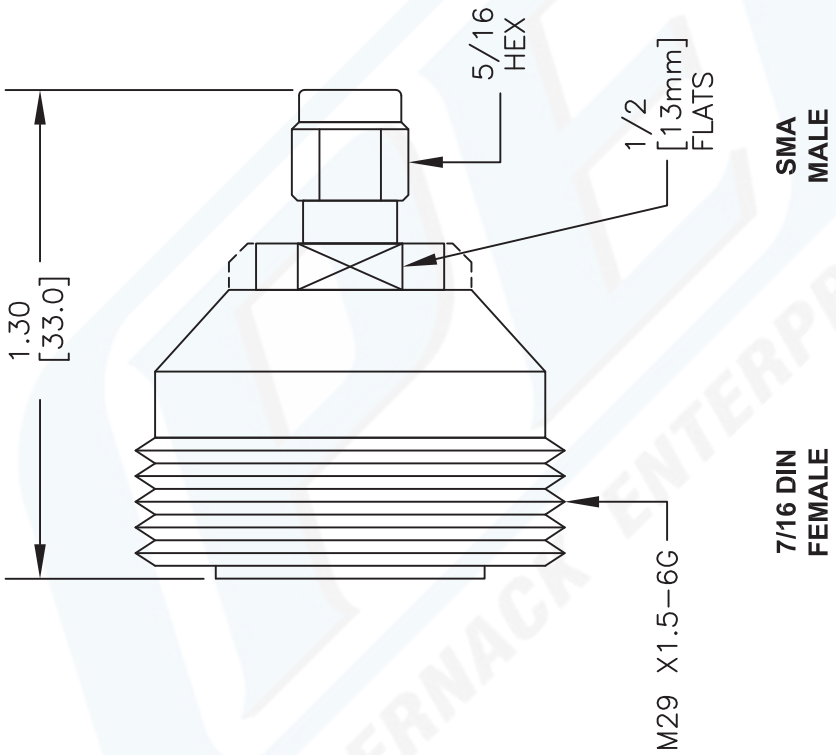
PE91041 CAD Drawing

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



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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