



## Precision SMA Male to ZMA Jack Adapter 3 Lug

### TECHNICAL DATA SHEET

PE91076

#### Precision SMA Male to ZMA Jack Adapter 3 Lug

Pasternack's ZMA Adapters use a clocked bayonet-style mating method suitable for applications requiring robust mechanical connections, such as high vibration and high coupling force environments. This line of ZMA adapters is designed for limited space applications requiring superb RF performance up to 18GHz and offer VSWR as low as 1.15:1. ZMA's 3-Lug or 4-Lug designs can be mated by hand with one-third or one-quarter turn, respectively -no special tooling is required.

- Available in 18 GHz SMA-ZMA Configurations
- 3-Lug or 4-Lug Options Available
- Passivated Stainless Steel Bodies with Gold Plated Center Contacts
- VSWR as low as 1.15
- Bayonet Style Interface decreases mechanical deterioration in heavy-use test environments

#### Configuration

Connector 1	SMA Male
Impedance 1	50 Ohms
Connector 2	ZMA Jack
Impedance 2	50 Ohms
Adapter Design	Precision
Body Style	Straight

#### Electrical Specifications

Frequency Range, GHz	DC to 18
Maximum VSWR	1.15:1
Maximum Insertion Loss, dB	0.21

#### Mechanical Specifications

##### Temperature

Operating Range, deg C	-55 to +100
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##### Size

Length, in [mm]	0.849 [21.56]
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#### Connector 1

Type	SMA Male
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	MIL-G-45204
Coupling Nut Material and Plating	Passivated Stainless Steel
Coupling Nut Plating Specification	ASTM A380
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	ASTM A380
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: [Precision SMA Male to ZMA Jack Adapter 3 Lug PE91076](#)

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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#### Connector 2

##### Type

ZMA Jack

##### Inner Conductor Material and Plating

Beryllium Copper, Gold

##### Inner Conductor Plating Specification

MIL-G-45204

##### Outer Conductor Material and Plating

Passivated Stainless Steel

##### Coupling Nut Plating Specification

ASTM A830

##### Body Material and Plating

Passivated Stainless Steel

##### Dielectric Type

PTFE

#### 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

Precision SMA Male to ZMA Jack Adapter 3 Lug 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.

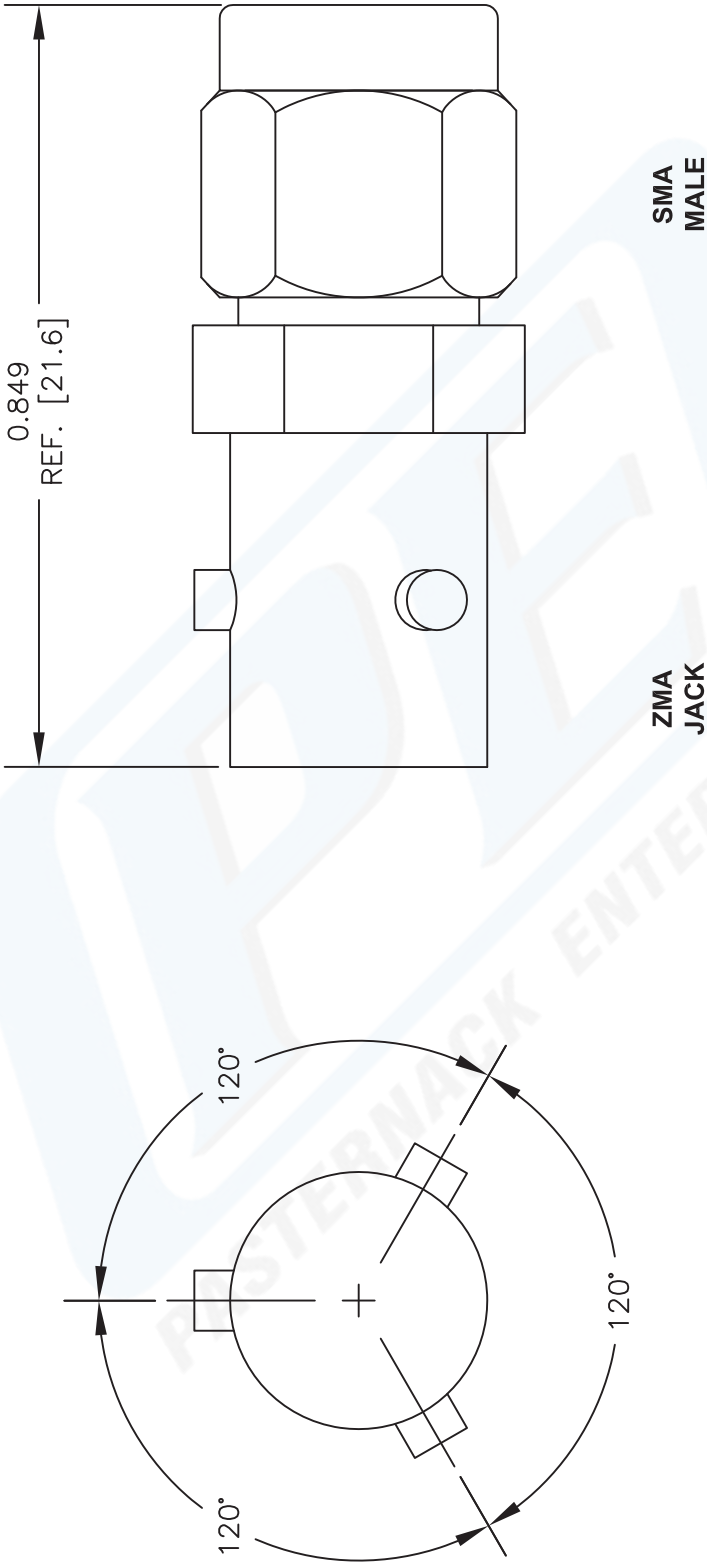
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URL: <http://www.pasternack.com/sma-male-zma-jack-straight-adapter-pe91076-p.aspx>

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PE91076 CAD Drawing

Precision SMA Male to ZMA Jack Adapter 3 Lug



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  
**PE91076**

FSCM NO. 53919

CAD FILE	092013	SCALE	N/A	SIZE	A	2233
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