



10 dB Fixed Attenuator, 2.92mm Male To  
2.92mm Female Passivated Stainless Steel  
Body Rated To 2 Watts Up To 26.5 GHz

TECHNICAL DATA SHEET

PE7024-10

**10 dB Fixed Attenuator, 2.92mm Male To 2.92mm Female Passivated Stainless Steel Body Rated To 2 Watts Up To 26.5 GHz**

**Configuration**

Design	Fixed, Bidirectional Attenuator
Connector 1	2.92mm Male
Connector 2	2.92mm Female
Body Material and Plating	Passivated Stainless Steel

**Electrical Specifications**

Frequency Range, GHz	DC to 26.5
Impedance, Ohms	50
Attenuation Value, dB	10
Maximum Input Power, Watts	2
Maximum VSWR	1.4:1

**Frequency 1**

Range, GHz	DC to 18
VSWR	1.3:1
Attenuation Accuracy, dB	± 0.6

**Frequency 2**

Range, GHz	18 to 26.5
VSWR	1.4:1
Attenuation Accuracy, dB	± 0.6

**Mechanical Specifications**

**Temperature**

Operating Range, deg C	-65 to +125
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**Size**

Length, in [mm]	0.88 [22.35]
Width, in [mm]	0.312 [7.92]

**Connector 1**

Type	2.92mm Male
Contact Material and Plating	Gold
Coupling Nut Material and Plating	Passivated Stainless Steel
Hex Size, in.	5/16
Torque, in-lbs [Nm]	8 [0.9]
Body Material and Plating	Passivated Stainless Steel

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [10 dB Fixed Attenuator, 2.92mm Male To 2.92mm Female Passivated Stainless Steel Body Rated To 2 Watts Up To 26.5 GHz PE7024-10](#)

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	2.92mm Female
Contact Material and Plating	Gold
Body Material and Plating	Passivated Stainless Steel

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

RoHS Compliant	Yes
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**Plotted and Other Data**

Notes:	Values at 25 °C, sea level
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10 dB Fixed Attenuator, 2.92mm Male To 2.92mm Female Passivated Stainless Steel Body Rated To 2 Watts Up To 26.5 GHz 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [10 dB Fixed Attenuator, 2.92mm Male To 2.92mm Female Passivated Stainless Steel Body Rated To 2 Watts Up To 26.5 GHz PE7024-10](http://www.pasternack.com/10db-fixed-2.92mm-female-2.92mm-male-2-watts-attenuator-pe7024-10-p.aspx)

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PE7024-10 CAD Drawing

10 dB Fixed Attenuator, 2.92mm Male To 2.92mm Female Passivated  
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P/N	ATTEN.	FIGURE
PE7024-1	1 dB	1
PE7024-2	2 dB	1
PE7024-3	3 dB	1
PE7024-6	6 dB	1
PE7024-10	10 dB	1
PE7024-20	20 dB	2
PE7024-30	30 dB	2
PE7024-SP/30	40 dB	2

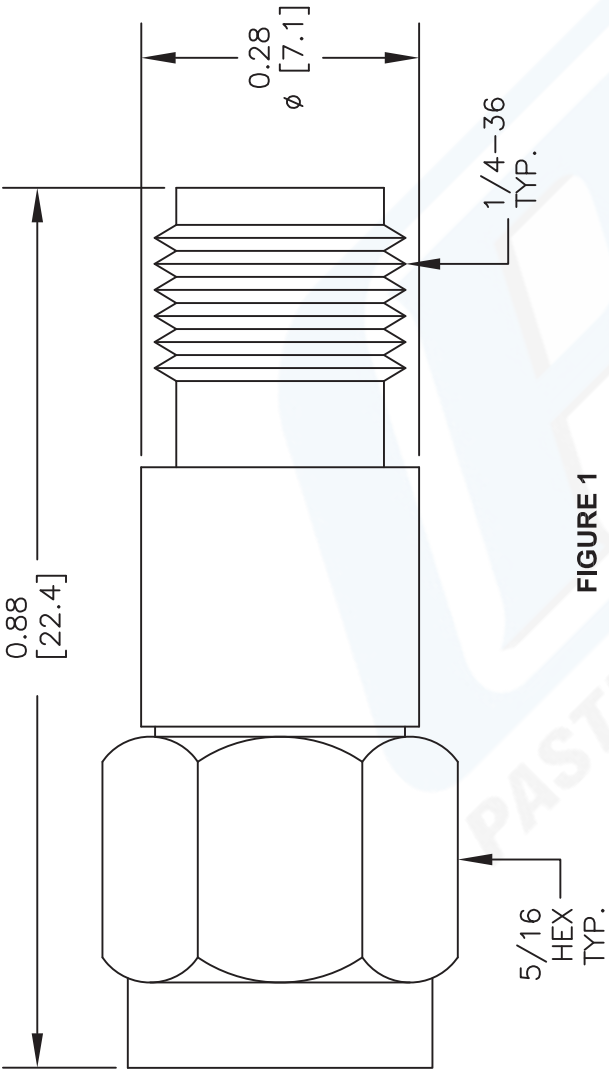
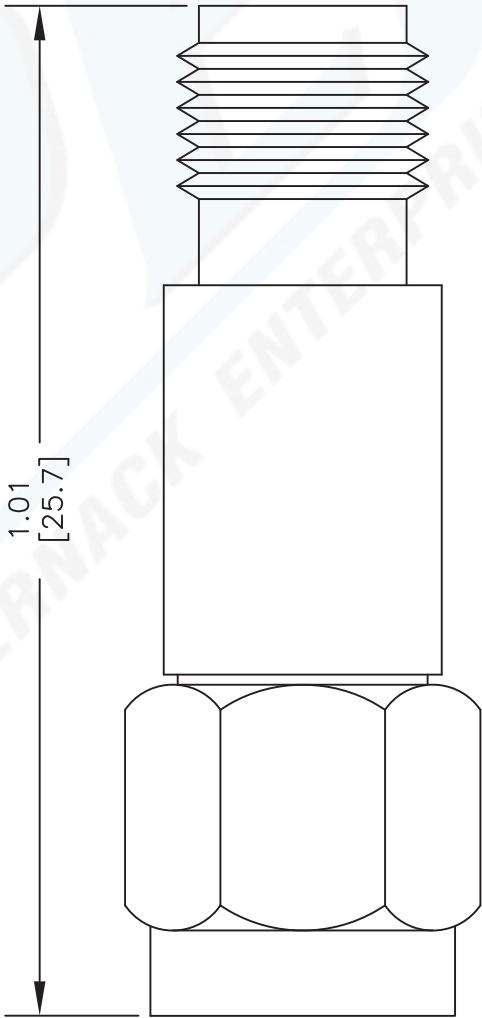


FIGURE 1



SMA MALE

FIGURE 2

SMA FEMALE

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

PE7024

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SCALE N/A

SIZE A

2231