



30 dB Fixed Attenuator, 2.92mm Male To  
2.92mm Female Passivated Stainless Steel  
Body Rated To 0.5 Watts Up To 40 GHz

TECHNICAL DATA SHEET

PE7046-30

**30 dB Fixed Attenuator, 2.92mm Male To 2.92mm Female Passivated Stainless Steel Body Rated To 0.5 Watts Up To 40 GHz**

**Configuration**

Design	Fixed, Bidirectional Attenuator
Connector 1	2.92mm Male
Connector 2	2.92mm Female

**Electrical Specifications**

Frequency Range, GHz	DC to 40
Impedance, Ohms	50
Attenuation Value, dB	30
Maximum Input Power, Watts	0.5
Maximum VSWR	1.4:1

**Frequency 1**

Range, GHz	DC to 40
VSWR	1.4:1
Attenuation Accuracy, dB	± 1

**Mechanical Specifications**

**Size**

Length, in [mm]	0.85 [21.59]
Width, in [mm]	0.312 [7.92]

**Connector 1**

Type	2.92mm Male
Hex Size, in.	5/16
Torque, in-lbs [Nm]	8 [0.9]

**Connector 2**

Type	2.92mm Female
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**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	Yes
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [30 dB Fixed Attenuator, 2.92mm Male To 2.92mm Female Passivated Stainless Steel Body Rated To 0.5 Watts Up To 40 GHz PE7046-30](#)

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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**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

30 dB Fixed Attenuator, 2.92mm Male To 2.92mm Female Passivated Stainless Steel Body Rated To 0.5 Watts Up To 40 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: [30 dB Fixed Attenuator, 2.92mm Male To 2.92mm Female Passivated Stainless Steel Body Rated To 0.5 Watts Up To 40 GHz PE7046-30](http://www.pasternack.com/30db-fixed-2.92mm-male-2.92mm-female-0.5-watts-attenuator-pe7046-30-p.aspx)

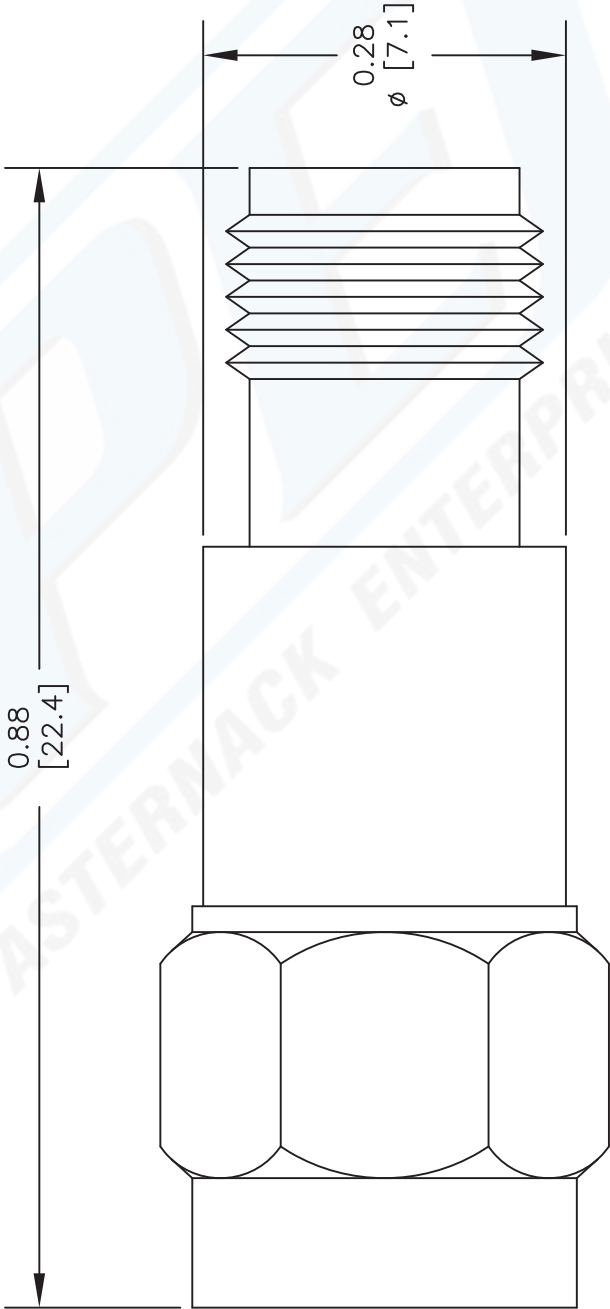
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PE7046-30 CAD Drawing

30 dB Fixed Attenuator, 2.92mm Male To 2.92mm Female Passivated  
Stainless Steel Body Rated To 0.5 Watts Up To 40 GHz

P/N	ATTEN.	FIGURE
PE7046-1	1 dB	1
PE7046-2	2 dB	1
PE7046-3	3 dB	1
PE7046-6	6 dB	1
PE7046-10	10 dB	1
PE7046-20	20 dB	1
PE7046-30	30 dB	1



2.92mm FEMALE

2.29mm MALE

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  
**PE7046**

FSCM NO. 53919

CAD FILE 020113

SCALE N/A

SIZE A

2231

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