



16 dB Fixed Attenuator, 75 Ohm F Male To 75 Ohm F Female  
Brass Tri-Metal Body Rated To 2 Watts Up To 3 GHz

TECHNICAL DATA SHEET

PE7396-16

**Configuration**

Design	Fixed Attenuator
Connector 1	F Male
Connector 2	F Female
Body Material and Plating	Brass, Tri-Metal

**Electrical Specifications** \* Values at 25°C, sea level

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
Impedance		75		Ohms
Attenuation Value		16		dB
Input Power			2	Watts

**Specifications by Frequency**

Description	F1	F2	F3	F4	F5	Units
Range	DC to 2	2 to 3				GHz
Attenuation Accuracy	± 0.5	± 0.3				dB

**Mechanical Specifications**

**Temperature**

Operating Range -55 to +80 deg C

**Size**

Length 2.02 in [51.31 mm]  
Width 0.433 in [11 mm]

**Connectors**

Description	Connector 1	Connector 2
Type	F Male	F Female
Contact Material and Plating	Brass, Gold	Phosphor Bronze, Gold
Outer Conductor Material and Plating		Brass, Tri-Metal
Coupling Nut Material and Plating	Brass, Tri-Metal	
Hex Size	11 MM	
Body Material and Plating	Brass, Tri-Metal	Brass, Tri-Metal

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [16 dB Fixed Attenuator, 75 Ohm F Male To 75 Ohm F Female Brass Tri-Metal Body Rated To 2 Watts Up To 3 GHz PE7396-16](#)





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

**Plotted and Other Data**

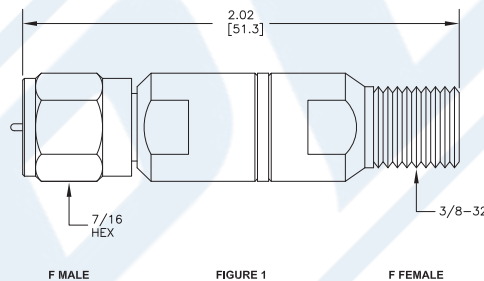
2 Dimensional OML Drawing

Notes:

- Values at 25 °C, sea level
- VSWR Deviation +/- .1% over operating temperature range.

PE7396

**Outline Drawing**



P/N	ATTEN.	FIGURE
PE7396-1	1 dB	1
PE7396-2	2 dB	1
PE7396-3	3 dB	1
PE7396-4	4 dB	1
PE7396-5	5 dB	1
PE7396-6	6 dB	1
PE7396-7	7 dB	1
PE7396-8	8 dB	1
PE7396-9	9 dB	1
PE7396-10	10 dB	1
PE7396-16	16 dB	1
PE7396-20	20 dB	1

16 dB Fixed Attenuator, 75 Ohm F Male To 75 Ohm F Female Brass Tri-Metal Body Rated To 2 Watts Up To 3 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

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