



6 dB Fixed Attenuator, SMA Male To SMA Female Brass
 Body Rated To 2 Watts From 0.009 MHz To 6 GHz

RF Fixed Attenuators Technical Data Sheet

PE70A1011

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	9KHz		6	GHz
Impedance		50		Ohms
Nominal Attenuation		6		dB
Attenuation Accuracy			±0.5	dB
Flatness		±0.5		dB
Return Loss			-30	dB
Input Power, CW			2	Watts

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	9KHz to 3	3 to 6				GHz
Return Loss, Max	-30	-30				dB
Attenuation Accuracy, Max	±0.3	±0.5				dB
Flatness, Typ	±0.3	±0.5				dB
Flatness, Max	±0.6	±1				dB

Mechanical Specifications

Size

Length	1.216 in [30.89 mm]
Width/Diameter	0.366 in [9.3 mm]
Height	0.366 in [9.3 mm]
Weight	0.0189 lbs [8.57 g]
Body Material and Plating	Brass

Configuration

Design	Fixed
Package Style	Connerctorized

Connectors

Description	Connector 1	Connector 2
Type	SMA Male	SMA Female

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [6 dB Fixed Attenuator, SMA Male To SMA Female Brass Body Rated To 2 Watts From 0.009 MHz To 6 GHz PE70A1011](#)



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Environmental Specifications

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

Plotted and Other Data

Notes:

Typical Performance Data



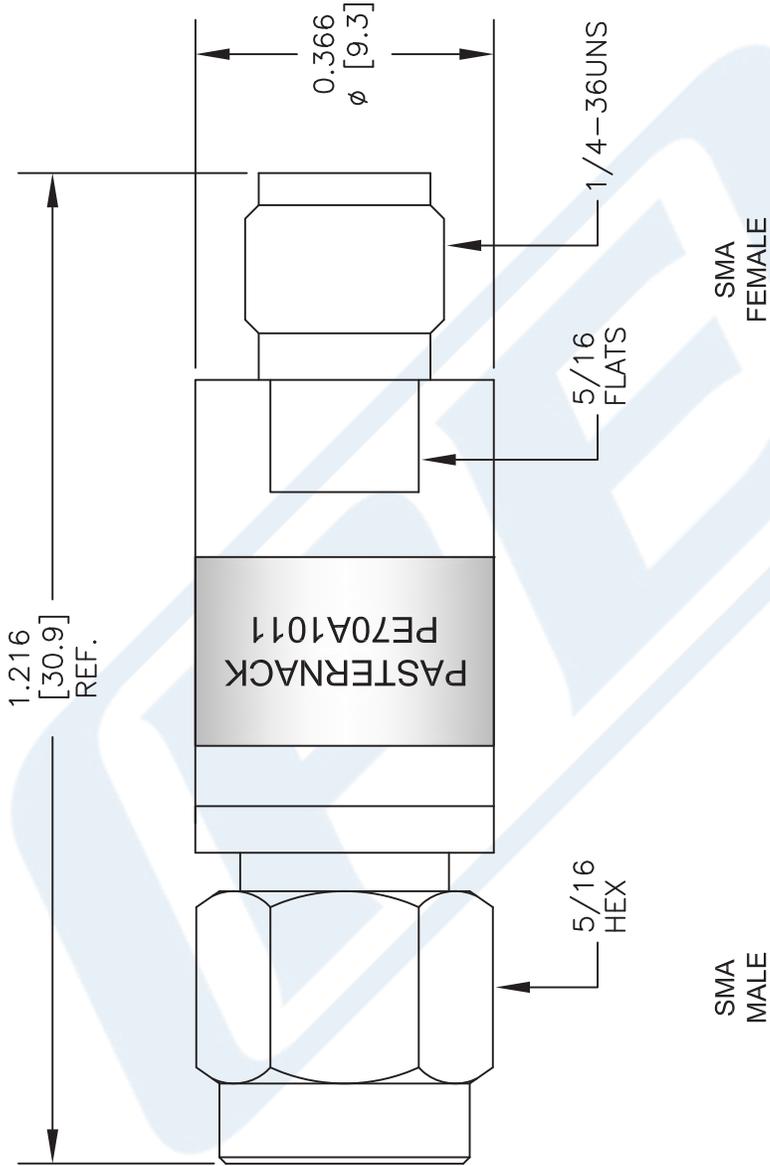
6 dB Fixed Attenuator, SMA Male To SMA Female Brass Body Rated To 2 Watts From 0.009 MHz To 6 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [6 dB Fixed Attenuator, SMA Male To SMA Female Brass Body Rated To 2 Watts From 0.009 MHz To 6 GHz PE70A1011](http://www.pasternack.com/6db-fixed-sma-male-sma-female-2-watts-attenuator-pe70a1011-p.aspx)

URL: <http://www.pasternack.com/6db-fixed-sma-male-sma-female-2-watts-attenuator-pe70a1011-p.aspx>

PE70A1011 CAD Drawing

6 dB Fixed Attenuator, SMA Male To SMA Female Brass Body
 Rated To 2 Watts From 0.009 MHz To 6 GHz



DWG TITLE

PE70A1011

FSCM NO. 53919

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].

CAD FILE 092915

SCALE N/A

SIZE A

2233



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