



50 Ohm SMA Isolator Operating From 11 GHz to  
18 GHz And 1 Watts With 20 dB Isolation

TECHNICAL DATA SHEET

PE8305

**Configuration**

Connector 1	SMA Female
Connector 2	SMA Female
Frequency Range	11 GHz to 18 GHz
Design	Isolator

**Electrical Specifications** (Values at 25°C, sea level)

Description	Minimum	Typical	Maximum	Units
Frequency Range	11		18	GHz
Impedance		50		Ohms
Insertion Loss			0.5	dB
Forward Power			1	Watts
Reverse Power			1	Watts
Input VSWR			1.25:1	
Isolation	20			dB

**Mechanical Specifications**

**Temperature**

Operating Range	-20 to 65 deg C
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**Size**

Length	1.26 in [32 mm]
Width	0.74 in [18.8 mm]
Height	0.39 in [9.91 mm]

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

RoHS Compliant	Yes
REACH Compliant	06/18/2012

**Plotted and Other Data**

Notes:

- Values at 25 °C, sea level

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm SMA Isolator Operating From 11 GHz to 18 GHz And 1 Watts With 20 dB Isolation PE8305](#)

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.

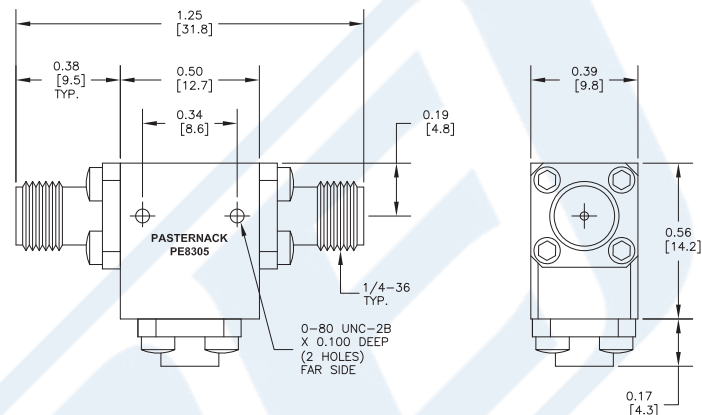


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Outline Drawing



50 Ohm SMA Isolator Operating From 11 GHz to 18 GHz And 1 Watts With 20 dB Isolation 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: [50 Ohm SMA Isolator Operating From 11 GHz to 18 GHz And 1 Watts With 20 dB Isolation PE8305](http://www.pasternack.com/50-ohm-sma-isolator-11000-mhz-18000-mhz-20-watts-20-db-pe8305-p.aspx)

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