



50 Ohm N Isolator Operating From 2 GHz to
4 GHz And 10 Watts With 18 dB Isolation

TECHNICAL DATA SHEET

PE8311

Configuration

Connector 1	N Female
Connector 2	N Female
Frequency Range	2 GHz to 4 GHz
Design	Isolator

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

Description	Minimum	Typical	Maximum	Units
Frequency Range	2		4	GHz
Impedance		50		Ohms
Insertion Loss			0.6	dB
Forward Power			10	Watts
Reverse Power			10	Watts
Input VSWR			1.3:1	
Isolation	18			dB

Mechanical Specifications

Temperature

Operating Range	0 to 50 deg C
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Size

Length	3.08 in [78.23 mm]
Width	0.75 in [19.05 mm]
Height	1.77 in [44.96 mm]

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

RoHS Compliant	
REACH Compliant	06/18/2010

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 N Isolator Operating From 2 GHz to 4 GHz And 10 Watts With 18 dB Isolation PE8311](#)

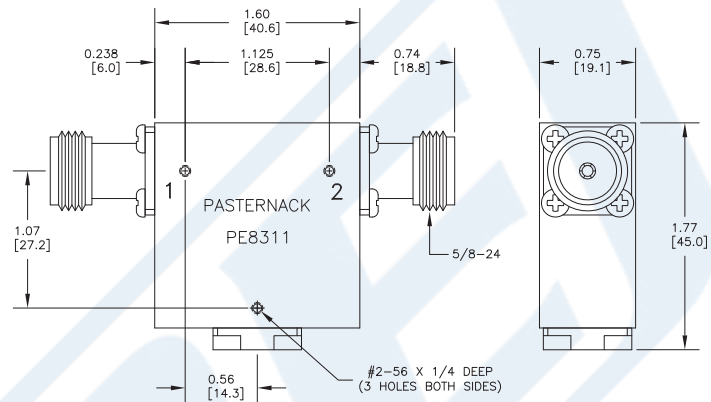


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Outline Drawing



50 Ohm N Isolator Operating From 2 GHz to 4 GHz And 10 Watts With 18 dB Isolation 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: [50 Ohm N Isolator Operating From 2 GHz to 4 GHz And 10 Watts With 18 dB Isolation PE8311](http://www.pasternack.com/50-ohm-n-isolator-2000-mhz-4000-mhz-20-watts-18-db-pe8311-p.aspx)

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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. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.