



## 50 Ohm SMA Isolator Operating From 6 GHz to 18 GHz And 10 Watts With 14 dB Isolation

### TECHNICAL DATA SHEET

PE8328

#### Configuration

Connector 1	SMA Female
Connector 2	SMA Female
Frequency Range	6 GHz to 18 GHz
Design	Isolator

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

Description	Minimum	Typical	Maximum	Units
Frequency Range	6		18	GHz
Impedance		50		Ohms
Insertion Loss			1	dB
Forward Power			10	Watts
Reverse Power			2	Watts
Input VSWR			1.5:1	
Isolation	14			dB
Peak Power			20	Watts

#### Mechanical Specifications

##### Temperature

Operating Range	0 to 85 deg C
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##### Size

Length	1.25 in [31.75 mm]
Width	0.73 in [18.54 mm]
Height	0.38 in [9.65 mm]
Weight	0.025 lbs [11.34 g]
Number of Output Ports	1

#### Connectors

Description	Connector 1	Connector 2	Connector 3
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold	
Connector Material and Plating	Passivated Stainless Steel	Passivated Stainless Steel	
Body Material and Plating	Passivated Stainless Steel	Passivated Stainless Steel	

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

RoHS Compliant

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 6 GHz to 18 GHz And 10 Watts With 14 dB Isolation PE8328](#)



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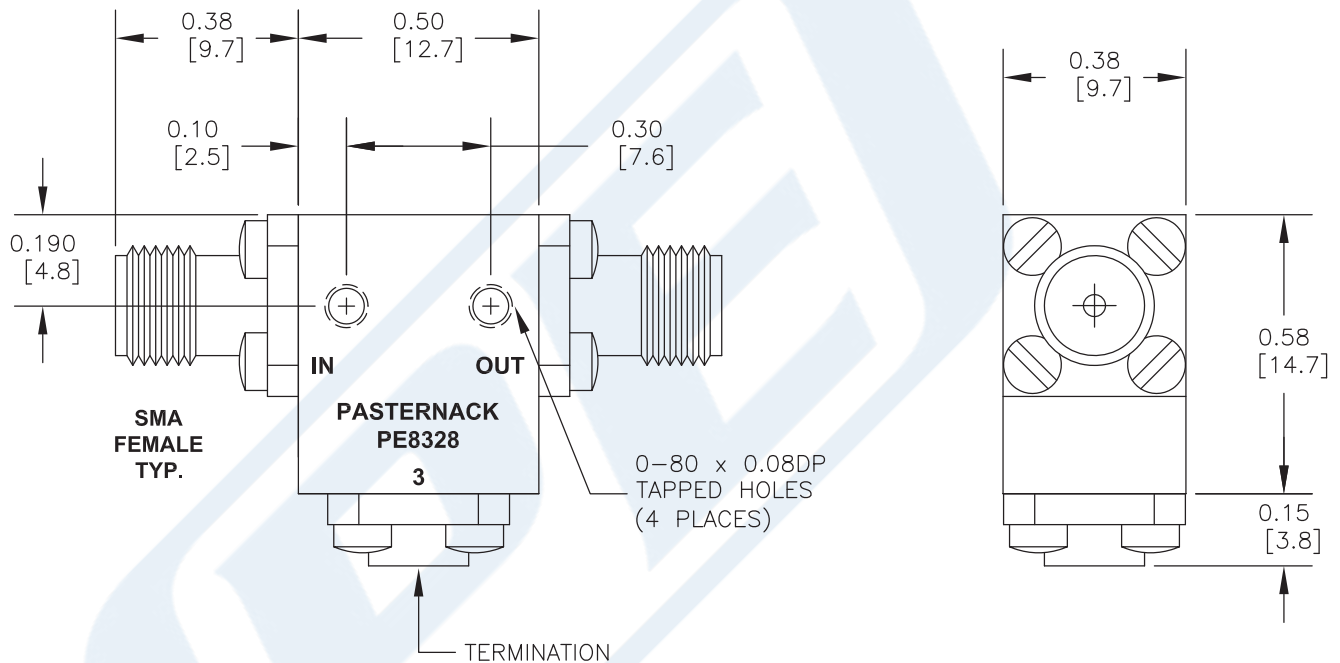
PE8328

**Plotted and Other Data**

Notes:

- Values at 25 °C, sea level

**Outline Drawing**



50 Ohm SMA Isolator Operating From 6 GHz to 18 GHz And 10 Watts With 14 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 SMA Isolator Operating From 6 GHz to 18 GHz And 10 Watts With 14 dB Isolation PE8328](http://www.pasternack.com/50-ohm-sma-isolator-6-18-ghz-10-watts-14-db-pe8328-p.aspx)

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