



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 |
|-----------------|---------------|

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 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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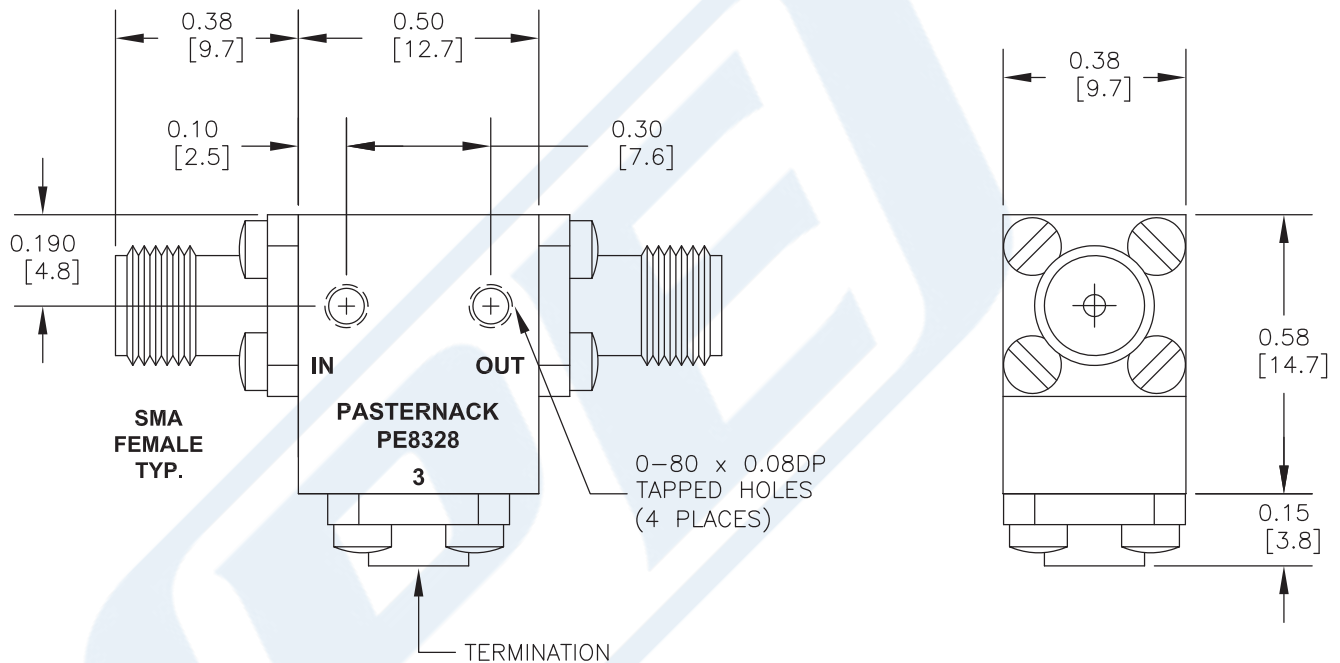
PE8328

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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