



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

TECHNICAL DATA SHEET

PE8433

Configuration

Connector 1	SMA Female
Connector 2	SMA Female
Connector 3	SMA Female
Frequency Range	6 GHz to 18 GHz
Design	Circulator

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
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	0.75 in [19.05 mm]
Width	0.955 in [24.26 mm]
Height	0.38 in [9.65 mm]
Number of Output Ports	2

Connectors

Description	Connector 1	Connector 2	Connector 3
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold	Beryllium Copper, Gold
Connector Material and Plating	Passivated Stainless Steel	Passivated Stainless Steel	Passivated Stainless Steel
Body Material and Plating	Passivated Stainless Steel	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 Circulator Operating From 6 GHz to 18 GHz And 10 Watts With 14 dB Isolation PE8433](#)



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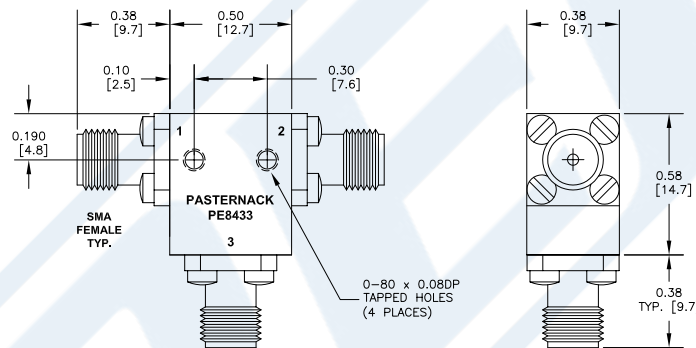
PE8433

Plotted and Other Data

Notes:

- Values at 25 °C, sea level

Outline Drawing



50 Ohm SMA Circulator 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 Circulator Operating From 6 GHz to 18 GHz And 10 Watts With 14 dB Isolation PE8433](http://www.pasternack.com/50-ohm-sma-circulator-6-18-ghz-10-watts-14-db-pe8433-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.