



2 Way SMA Wilkinson Power Divider From 2 GHz to 8 GHz Rated at 10 Watts

Power Dividers Technical Data Sheet

PE2026

Features

- 2-Way Power Divider
- Wilkinson Design
- 2 to 8 GHz Frequency Range
- Max Power 10 Watts (CW)
- Insertion Loss < 0.4 dB
- Isolation > 20 dB

Applications

- Test and Measurement
- Military Communications
- Commercial Communications
- Wireless Communications
- SATCOM

Description

Pasternack carries a wide selection of power dividers to fit your needs. These components are essential in many systems, allowing the combination of multiple signals or splitting of a single signal into multiple signals with equal magnitude and phase. Pasternack's resistive and Wilkinson power dividers come with excellent performance featuring minimal loss, high isolation and low VSWR. They are available in both narrow and broad bandwidths with a variety of connector types such as 2.92mm, BNC, N and SMA.

The PE2026 is a 2-way Wilkinson power divider that operates from 2 to 8 GHz and can handle up to 10 Watts (CW) with 0.4 dB max insertion loss and 20 dB min isolation. The package interface uses SMA female connectors and is REACH and RoHS compliant.

Electrical Specifications

Design	Wilkinson
Number of Output Ports	2

Description	Minimum	Typical	Maximum	Units
Frequency Range	2		8	GHz
Impedance		50		Ohms
Input VSWR			1.35:1	
Output VSWR			1.35:1	
Insertion Loss			0.4	dB
Isolation	20			dB
Input Power (CW)			10	Watts

Electrical Specification Notes:
Max input power rated for load VSWR of 1.25:1 or better.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2 Way SMA Wilkinson Power Divider From 2 GHz to 8 GHz Rated at 10 Watts PE2026](#)



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Mechanical Specifications

Size

Length	2 in [50.8 mm]
Width	1.5 in [38.1 mm]
Height	0.5 in [12.7 mm]
Weight	0.1835 lbs [83.23 g]

Configuration

Package Type	Connectorized
Input Connector	SMA Female
Output Connectors	SMA Female

Environmental Specifications

Temperature

Operating Range	-55 to +85 deg C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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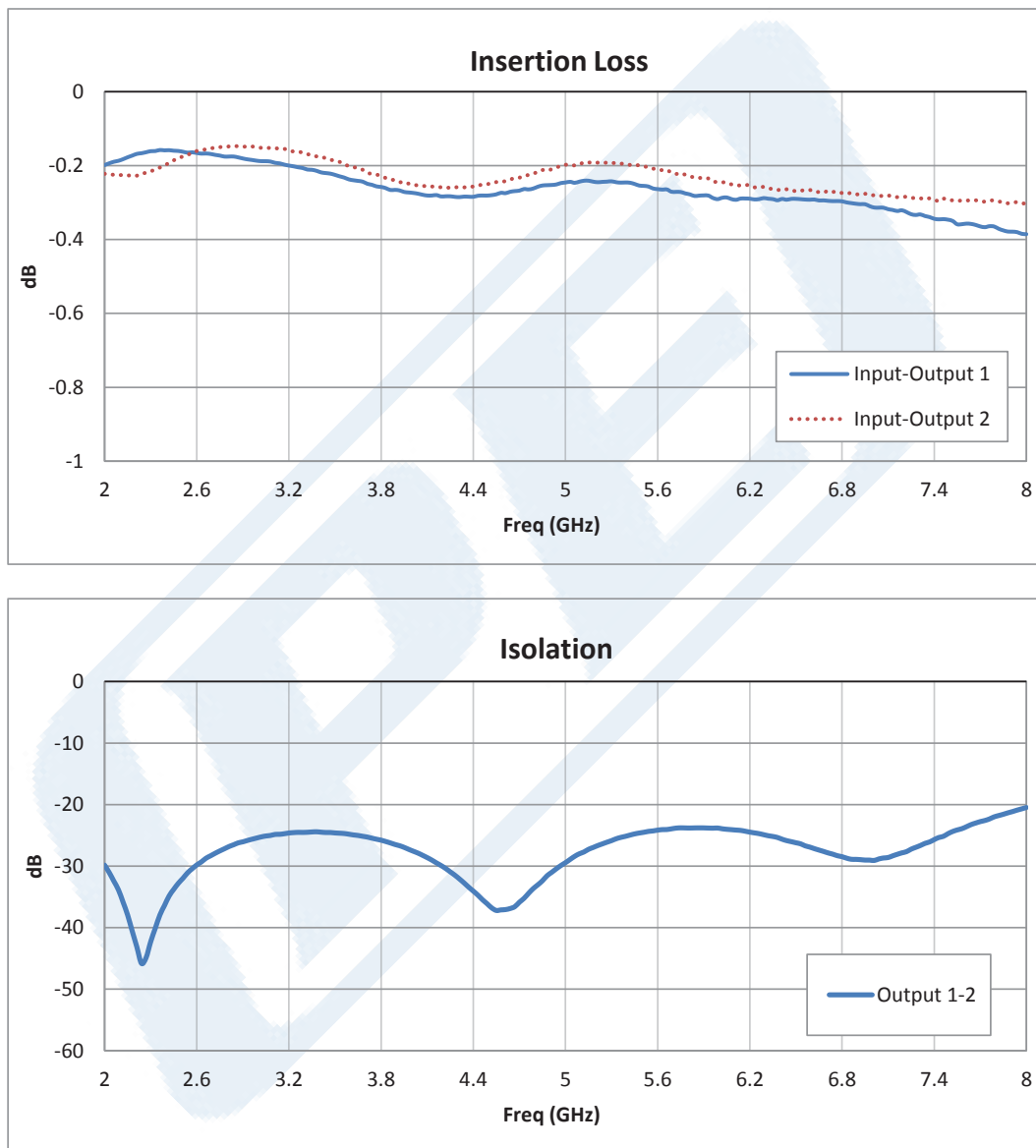


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Typical Performance Data



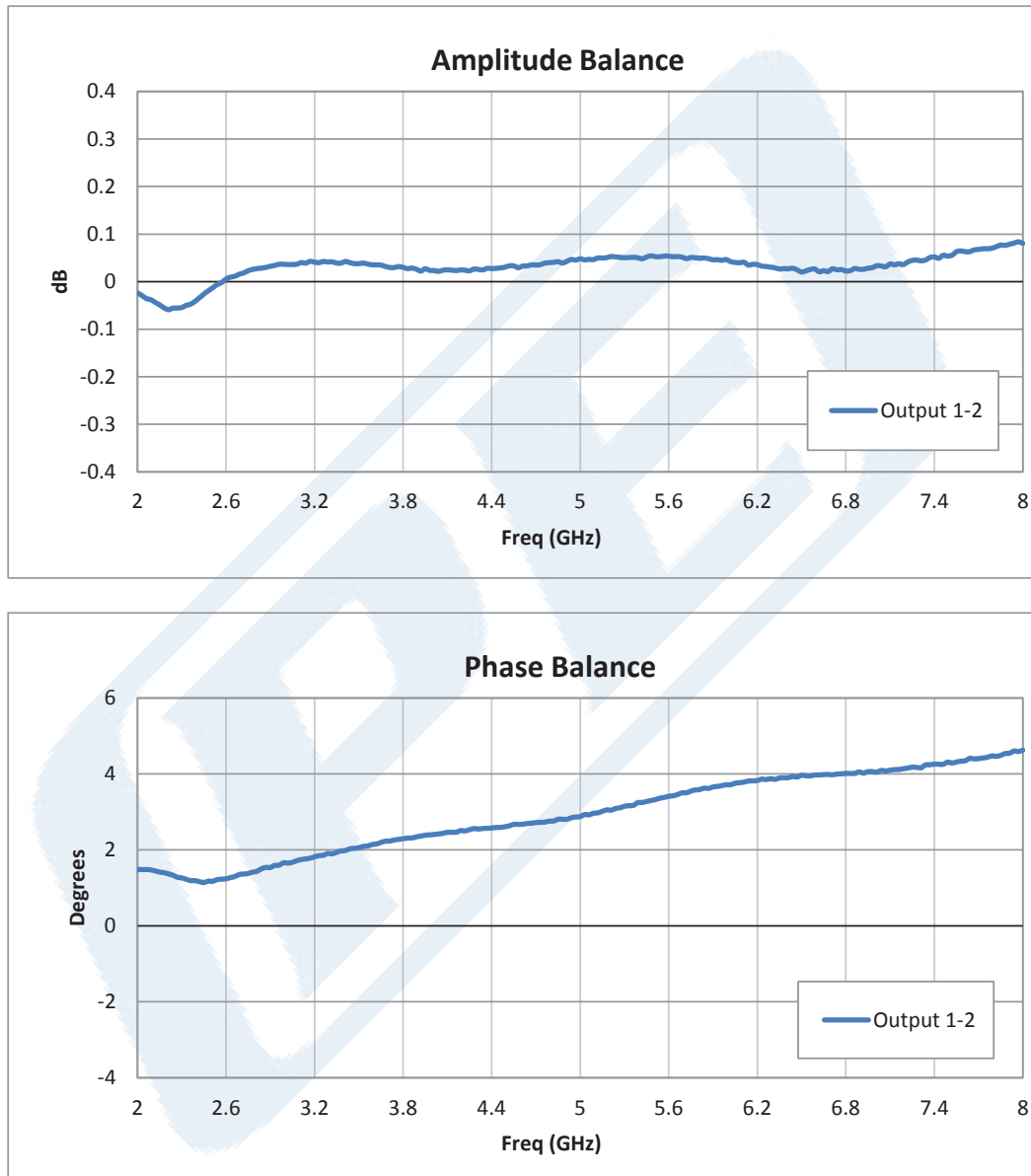
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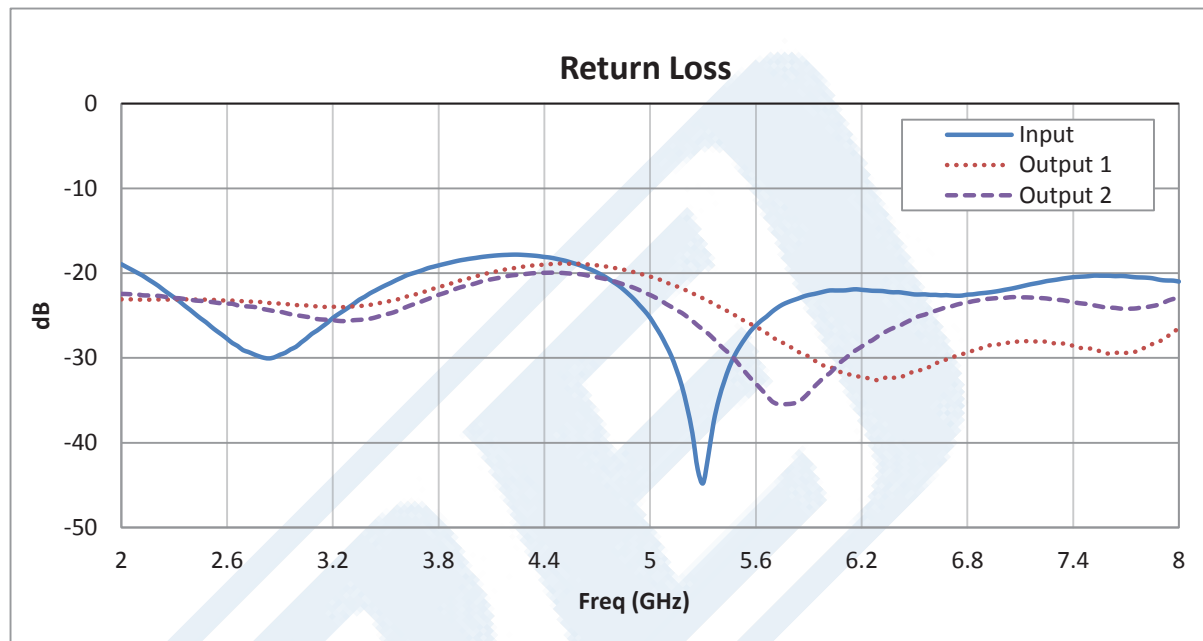
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URL: <https://www.pasternack.com/2-way-sma-reactive-power-divider-2-ghz-8-ghz-10-watts-pe2026-p.aspx>

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