



3 Way 4.1/9.5 Mini DIN Power Divider From 698 MHz to 2.7 GHz Rated at 30 Watts

Power Dividers Technical Data Sheet

PE20DV1035A

Features

- 30 watt CW Rating
- 698 to 2,700 MHz
- High Power
- Mini DIN 4.1/9.5 Type Female Connector
- Mounting Bracket

Applications

- Indoor/Outdoor Use (IP65)
- Base Station
- 4G/LTE/AWS/PCS/PMR/UMTS/
- TETRA/WiFi/WiMAX
- Distributed Antenna Systems (DAS)
- Wireless Infrastructure

Description

The PE20DV1035A is a 3 way Wilkinson Power Divider with Mini DIN 4.1/9.5 Type Female connectors rated to 30 watt CW. Pasternack's family of Power Dividers are designed without solder joints and a unique construction allows for exceptional performance within the 698 to 2,700 MHz frequency range. They are offered in a range of output port options to allow flexibility in the design of your DAS system. They can be used indoor or outdoor as they meet the moisture requirements of IP65. They are available in two different connector types: N and Mini DIN 4.1/9.5.

Electrical Specifications

Design	Wilkinson
Number of Output Ports	3

Description	Minimum	Typical	Maximum	Units
Frequency Range	0.698		2.7	GHz
Impedance		50		Ohms
Input VSWR			1.5:1	
Output VSWR			1.3:1	
Insertion Loss			0.7	dB
Isolation	17			dB
Input Power (CW)			30	Watts
Reverse Power (CW)			0.4	Watts

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [3 Way 4.1/9.5 Mini DIN Power Divider From 698 MHz to 2.7 GHz Rated at 30 Watts PE20DV1035A](#)



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Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	0.698 to 2.2	2.2 to 2.7				GHz
Input VSWR, Max	1.35:1	1.5:1				
Output VSWR, Max	1.3:1	1.3:1				
Insertion Loss, Max	0.45	0.7				dB
Isolation, Min	20	17				dB

Mechanical Specifications

Housing Material and Plating

Aluminum, Chem Film

Configuration

Package Type

Connectorized

Input Connector

4.1/9.5 Mini DIN Female

Output Connectors

4.1/9.5 Mini DIN Female

Ingress Protection (IP) Rating

IP65

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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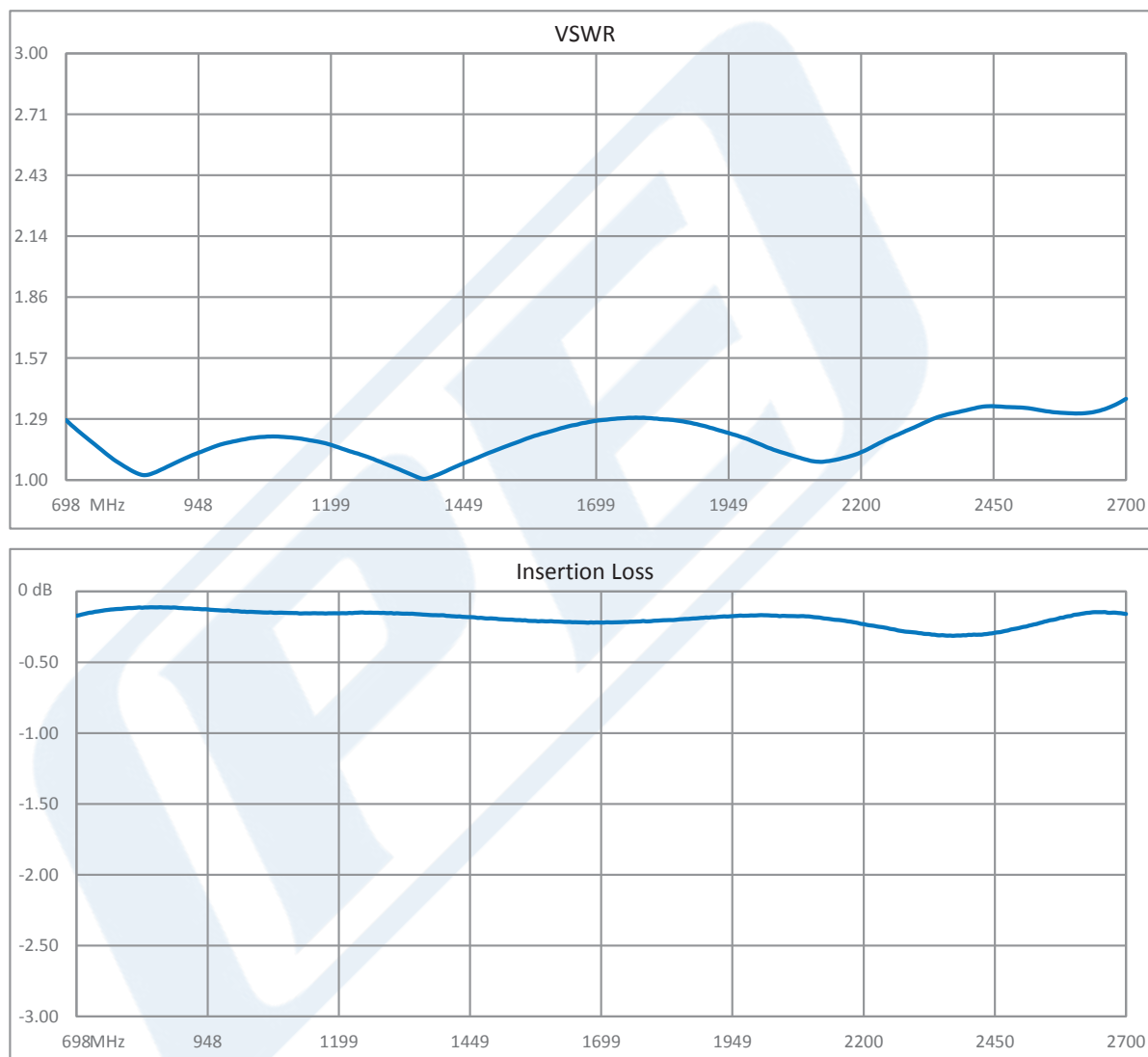


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Typical Performance Data



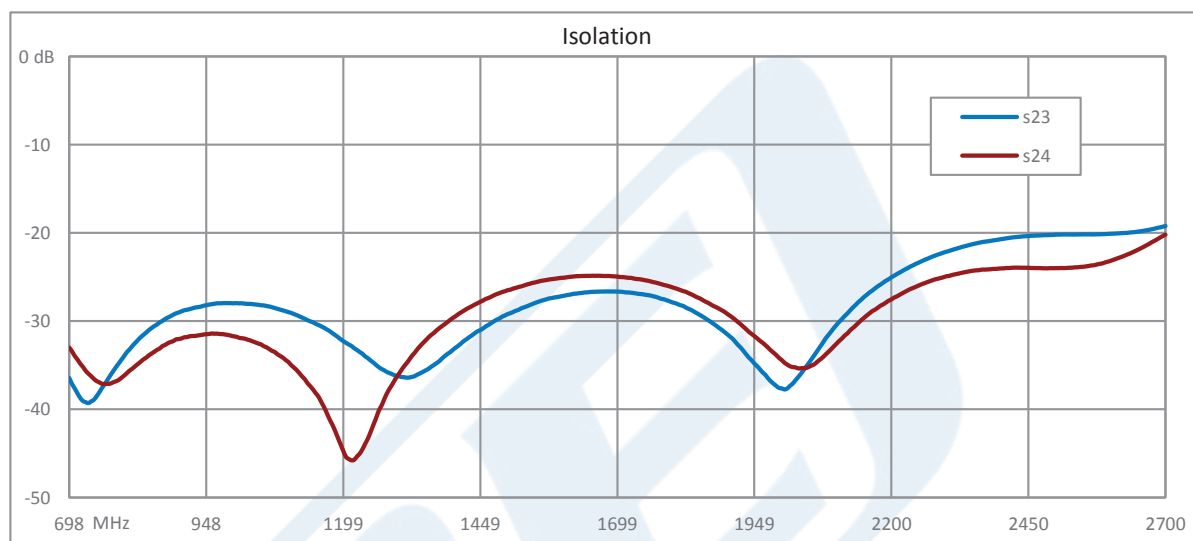
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