



8 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

PE20DV1039A

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 PE20DV1039A is a 8 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	8

Description	Minimum	Typical	Maximum	Units
Frequency Range	0.698		2.7	GHz
Impedance		50		Ohms
Input VSWR			1.4:1	
Output VSWR			1.3:1	
Insertion Loss			1.4	dB
Isolation	20			dB
Input Power (CW)			30	Watts
Reverse Power (CW)			1	Watt

Mechanical Specifications

Housing Material and Plating	Aluminum, Chem Film
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [8 Way 4.1/9.5 Mini DIN Power Divider from 698 MHz to 2.7 GHz Rated at 30 Watts PE20DV1039A](#)



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Configuration

Package Type
Input Connector
Output Connectors
Ingress Protection (IP) Rating

Connectorized
4.1/9.5 Mini DIN Female
4.1/9.5 Mini DIN Female
IP65

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

Plotted and Other Data

Notes:

8 Way 4.1/9.5 Mini DIN Power Divider from 698 MHz to 2.7 GHz Rated at 30 Watts from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

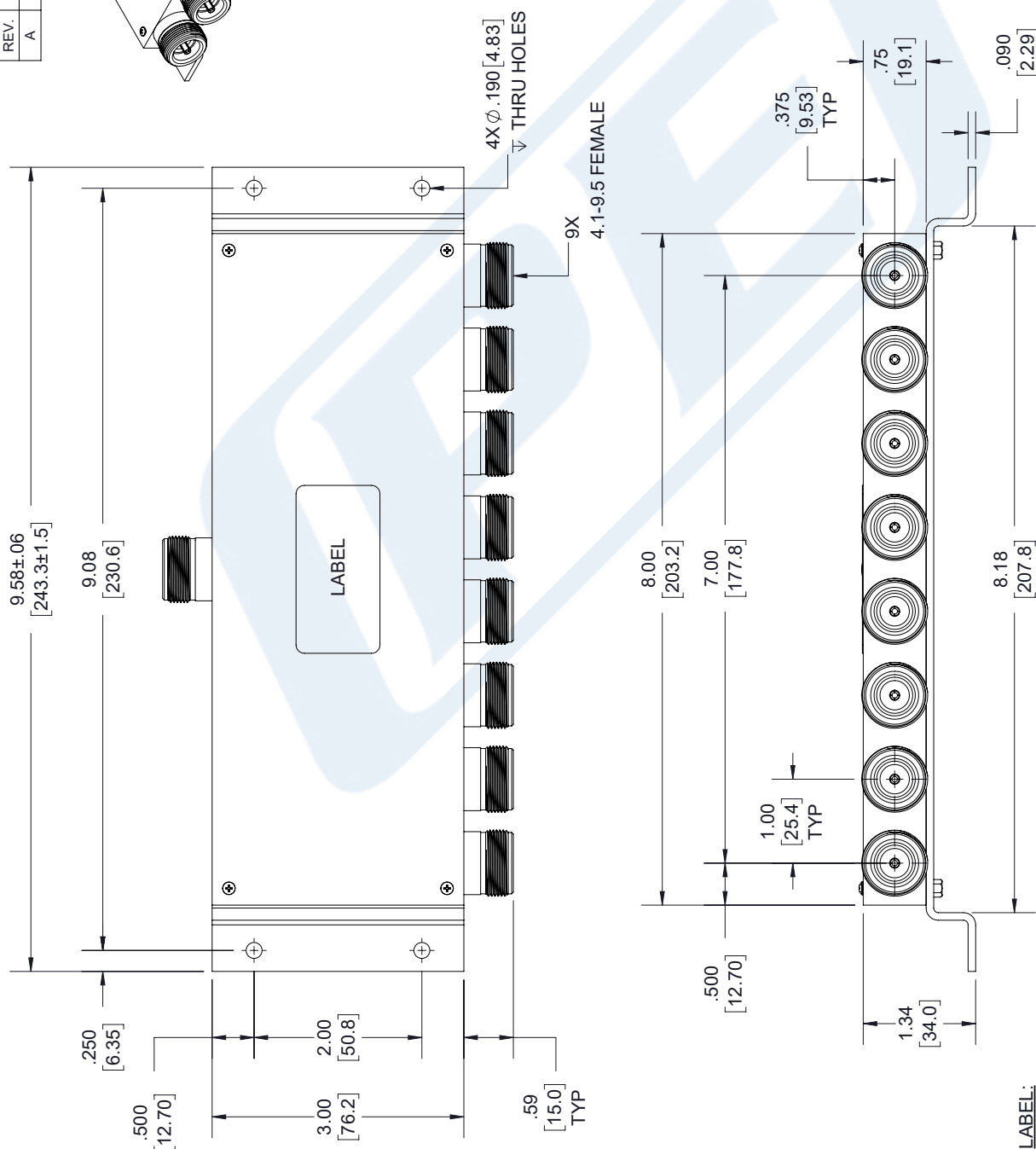
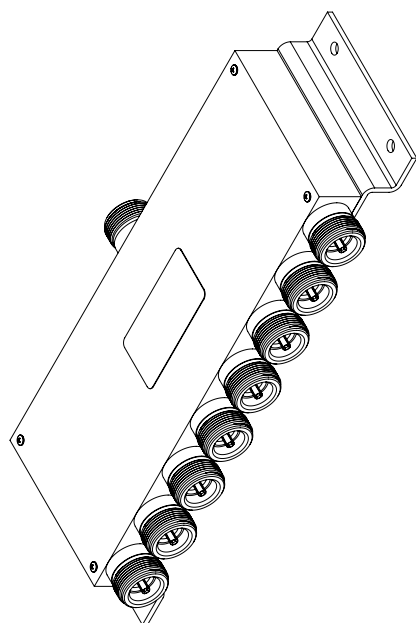
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URL: <https://www.pasternack.com/8-way-4.1-9.5-mini-din-power-divider-2.7-ghz-pe20dv1039a-p.aspx>

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	01/28/19	S.PONG



PE PASTERNAK
an INFINITI® brand

PE20DV1039A

D/C: XYY

OUTPUT(s)

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:		
X=± .2	[.08]	FRACTIONS
XX=± .01	[.25]	± 1/32
XXX=± .005	[.13]	ANGLES ± 1°

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY

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SIZE	CAGE	DRAWN BY	PART NUMBER	REV
A	53919	KDANG	PE20DV1039A	A