



## 3 Way N Power Divider From 698 MHz to 2.7 GHz Rated at 30 Watts

### Power Dividers Technical Data Sheet

PE20DV1034A

#### Features

- 30 watt CW Rating
- 698 to 2,700 MHz
- High Power
- N Type Female Connector
- Mounting Bracket

#### Applications

- Indoor/Outdoor Use (IP67)
- Base Station
- 4G/LTE/AWS/PCS/PMR/UMTS/
- TETRA/WiFi/WiMAX
- Distributed Antenna Systems (DAS)
- Wireless Infrastructure

#### Description

The PE20DV1034A is a 3 way Wilkinson Power Divider with N Type Female connectors rated to 30 watt CW.

Pasternack's family of Power Dividers operate 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. Especially designed and manufactured for the rigors of low PIM systems, the power dividers are rated at an average power of 300 watt CW. They can be used indoor or outdoor as they meet the moisture requirements of IP67. They are available in four different connector types: N, 4.3-10, 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 Power (CW)			30	Watts
Reverse Power (CW)			0.4	Watts

#### 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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [3 Way N Power Divider From 698 MHz to 2.7 GHz Rated at 30 Watts PE20DV1034A](#)



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**Mechanical Specifications**

Housing Material and Plating

Aluminum, Chem Film

**Configuration**

Package Type

Connectorized

Input Connector

N Female

Output Connectors

N Female

Ingress Protection (IP) Rating

IP67

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

**Plotted and Other Data**

Notes:

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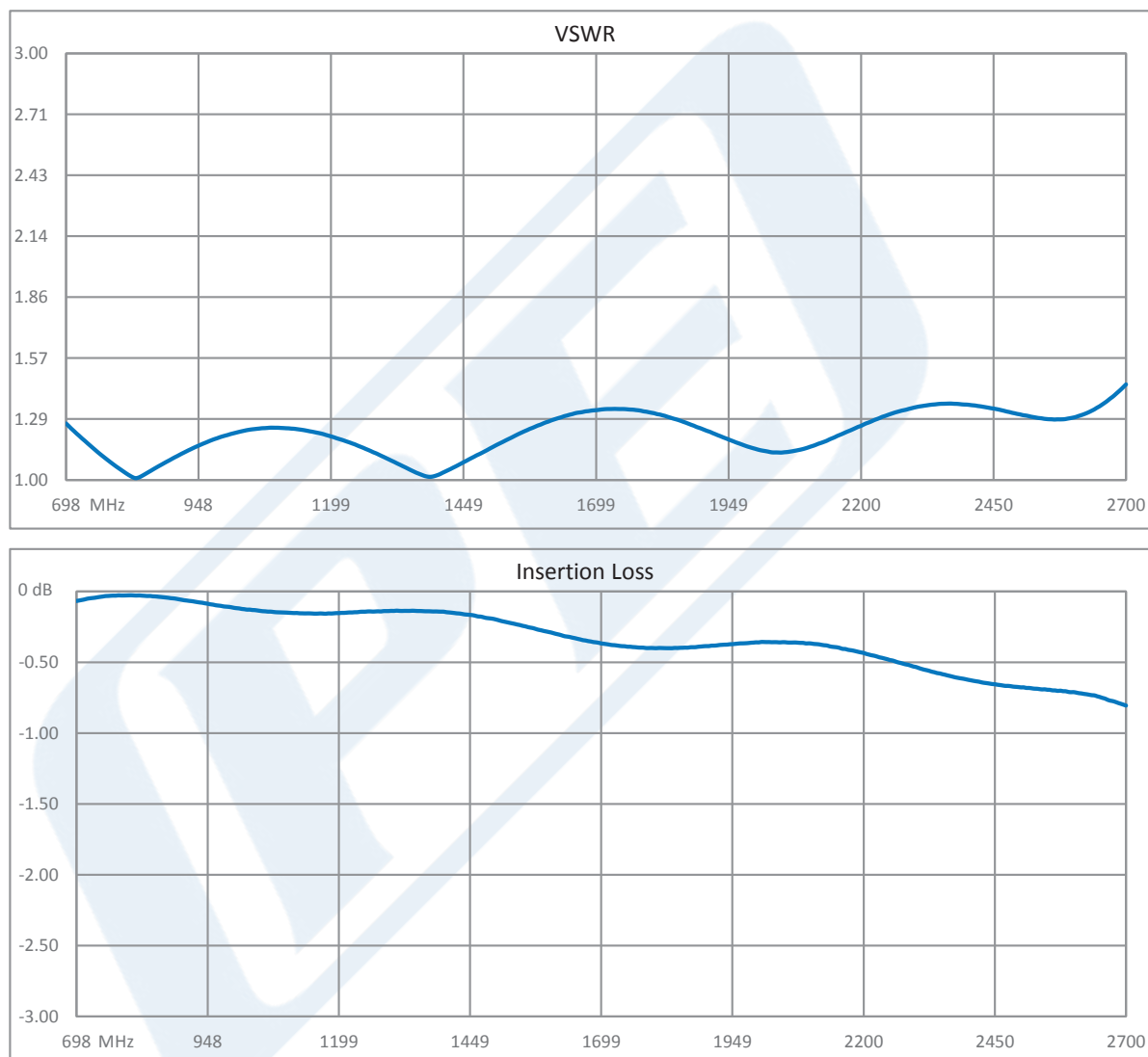


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Typical Performance Data



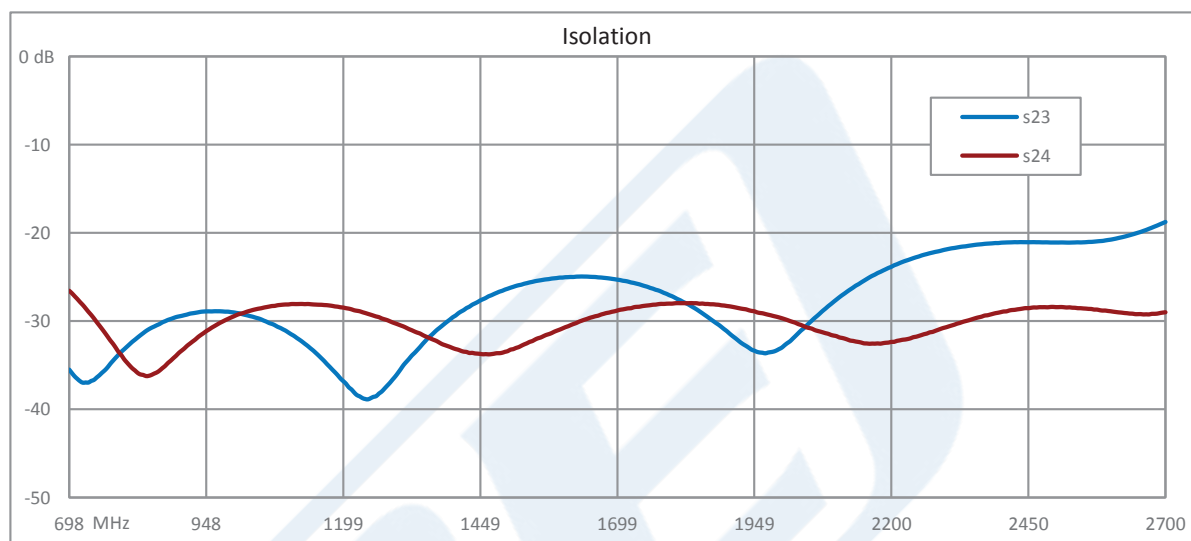
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3 Way N Power Divider From 698 MHz to 2.7 GHz Rated at 30 Watts from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the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

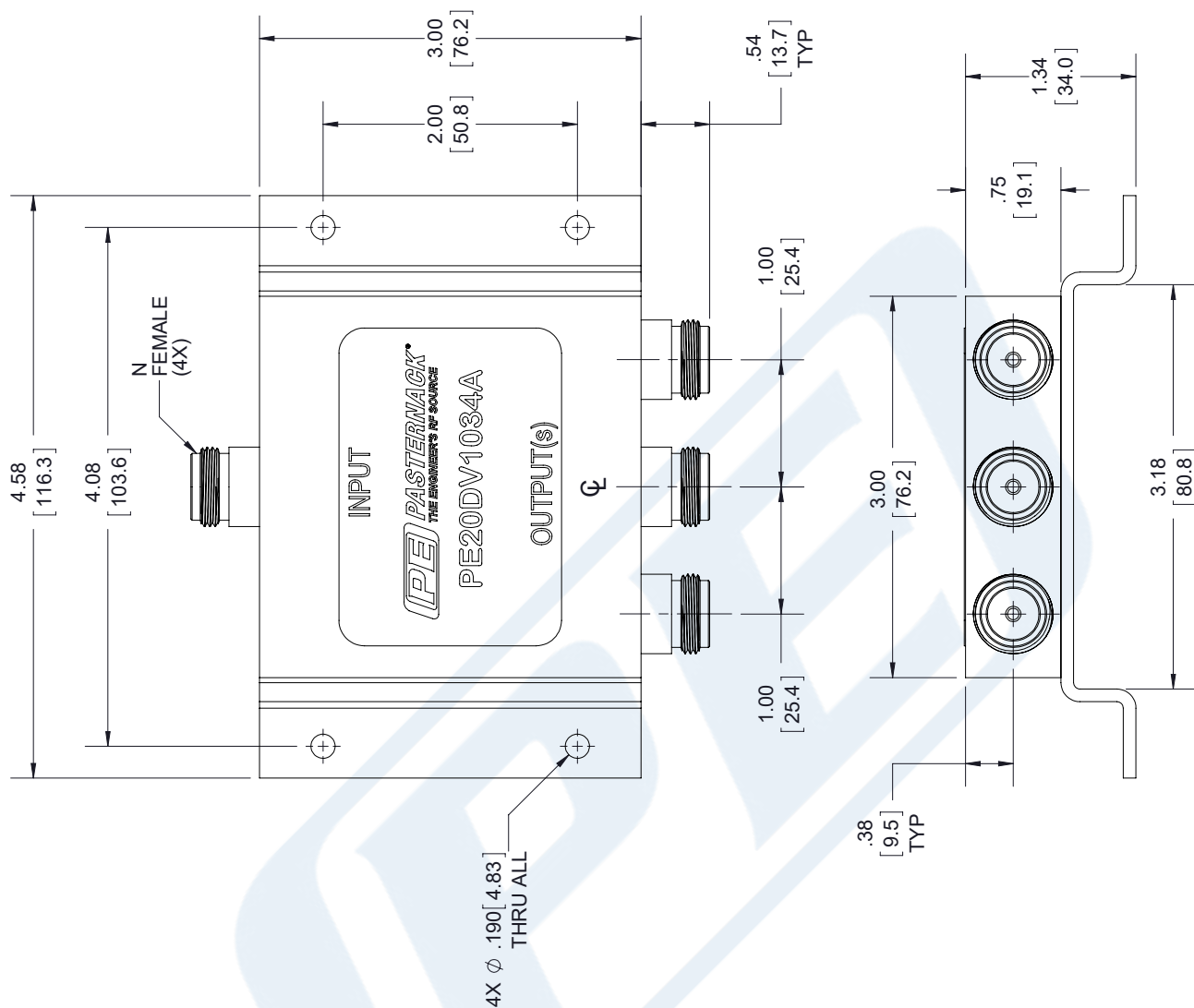
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [3 Way N Power Divider From 698 MHz to 2.7 GHz Rated at 30 Watts PE20DV1034A](https://www.pasternack.com/3-way-n-power-divider-2.7-ghz-pe20dv1034a-p.aspx)

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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.

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**DWG TITLE**

PE20DV1034A

NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME  
3. DIMENSIONS ARE IN INCHES [mm].

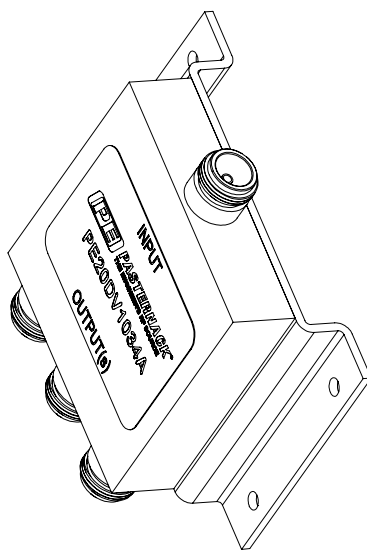
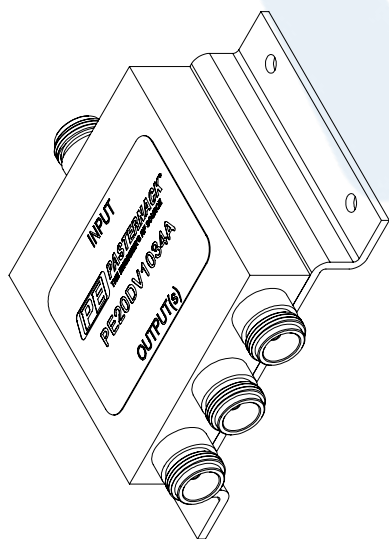
CAGE CODE 53919

**CAD FILE** 100917

SCALE N/A

**SIZE A**

7361



## STANDARD TOLERANCES

X	±0.2
.XX	±0.01
.XXX	±0.00

\*STANDARD TOLERANCES APPLY  
ONLY TO DIMENSIONS IN INCHES



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