

## 2 Way N Female Input Connector Power Divider, From 8 to 12.4 GHz, Rated at 10 Watts



### PE2036

#### Features

- 2-Way Power Divider
- N-Type Female Connectors
- 8 GHz to 12.4 GHz Frequency Range
- Max Power 10W (CW)
- Min Isolation 16 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 reactive 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. The PE2036 is a 2 way power divider that operates from 8 to 12.4 GHz and can handle up to 10 Watts (CW). This N-Type power divider offers 16 dB min isolation and 1.6:1 max VSWR. The package interface uses N-Type Female inputs on all of the ports.

#### Electrical Specifications

Design	Reactive
Number of Output Ports	2

Description	Min	Typ	Max	Units
Frequency Range	8		12.4	GHz
Impedance		50		Ohms
Input VSWR			1.6:1	
Insertion Loss			1	dB
Isolation	16			dB
Input Power (CW)			10	Watts

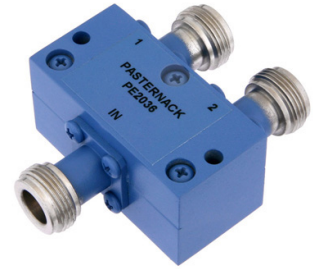
#### Mechanical Specifications

<b>Size</b>	
Length	2 in [50.8 mm]
Width	2.472 in [62.79 mm]
Height	1 in [25.4 mm]
Weight	0.309 lbs [140.16 g]

#### Configuration

Input Connector	N Female
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#### Environmental Specifications

##### Temperature

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

#### Plotted and Other Data

Notes:

#### Typical Performance Data

2 Way N Female Input Connector Power Divider, From 8 to 12.4 GHz, Rated at 10 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: [2 Way N Female Input Connector Power Divider, From 8 to 12.4 GHz, Rated at 10 Watts PE2036](#)

URL: <https://www.pasternack.com/2-way-n-reactive-power-divider-8-ghz-12.4-ghz-10-watts-pe2036-p.aspx>

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PE2036 CAD Drawing
2 Way N Female Input Connector Power Divider, From 8 to 12.4 GHz, Rated at 10 Watts

