

## 2 Watt Feed-Thru Load Up to 1 GHz with N-Type Male to N-Type Female Brass Body



### PE6033A

#### Features

- DC to 1 GHz Frequency Range
- VSWR <1.65:1
- Max Power 2 Watt (CW)
- N-Type Female and Male Coaxial Interface

#### Applications

- Wireless
- SatCom
- Radar Systems
- Test and Measurement
- Commercial and Military Communications

#### Description

Pasternack's PE6033A is a RF Feed thru termination (also called RF feed-thru load) that operates from DC to 1 GHz and handles up to 2 Watt (CW). Our N-Type feed thru termination/load has a male and female gender. PE6033A N-Type feed thru load termination offers 1.65:1 VSWR max. RF load / termination are indispensable components in many RF, microwave and millimeter wave systems where signal reflections from unused ports can potentially damage the device or reduce the signal integrity. By using a terminator from unused ports can potentially damage the device or reduce the signal integrity. By using a terminator on an unused port with a matched load (dummy load), the incident energy will be absorbed with minimal reflection. These termination components are commonly used to terminate devices such as couplers, circulators, and switches. They are also widely used in measurement systems to ensure accurate results. Pasternack offers a huge selection of RF, microwave and millimeter wave terminations up to 65 GHz with excellent performance over the entire operating range and power handling capabilities up to 800 Watt (CW).

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
Impedance		50		Ohms
VSWR, Input			1.65:1	
Input Power (CW)			2	Watts

#### Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 0.5	0.5 to 1				GHz
VSWR, Input Typ	1.25:1	1.65:1				

#### Mechanical Specifications

Size	
Length	1.736 in [44.09 mm]
Width	0.827 in [21.01 mm]
Height	0.827 in [21.01 mm]
Weight	0.1367 lbs [62.01 g]

#### Configuration

Connector 1	N Male
Connector 2	N Female
Durability	500 Cycles

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#### Material Specifications

Description	Material	Plating
Connector 1 Contact	Beryllium Copper	Gold over nickel
Connector 2 Contact	Beryllium Copper	Gold over nickel
Insulation	Teflon	
Gasket	Silicone	
Connector 1 Body	Brass	Copper-Tin-Zinc Alloy

#### Environmental Specifications

##### Temperature

Operating Range -55 to +155 deg C

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

#### Plotted and Other Data

Notes:

2 Watt Feed-Thru Load Up to 1 GHz with N-Type Male to N-Type Female Brass Body 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 Watt Feed-Thru Load Up to 1 GHz with N-Type Male to N-Type Female Brass Body PE6033A](#)

URL: <https://www.pasternack.com/2-watts-n-male-feed-thru-load-1-ghz-pe6033a-p.aspx>

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# PE6033A CAD Drawing

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