

2 Watt RF Load With Chain Up to 18 GHz With N Male Input Nickel Plated Brass



RF Terminations Technical Data Sheet

Features

- DC to 18 GHz Frequency Range
- VSWR 1.3:1 Max
- Max Power 2 Watt (CW)

Applications

- Wireless
- SatCom

- Radar Systems
- Test and Measurement
- Commercial and Military
 Communication

N Male Coaxial Interface

Includes Beaded Chain

Description

Pasternack's PE6075 is an RF termination (also called RF load or dummy load) that operates from DC to 18 GHz and handles up to 2 Watt (CW). Our N termination / load has a male gender. PE6075 N load termination offers 1.3:1 max VSWR.

RF load / terminations are indispensable components in many RF, microwave and millimeter wave systems where signal reflection 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		18	GHz
Impedance		50		Ohms
VSWR			1.3:1	
Input Power (CW)			2	Watts
derated linearly to 1W at +125°C				
Input Power (Peak)			1	KWatts
5µs pulse, 0.05% duty cycle				

Mechanical Specifications

Size	
Length	0.98 in [24.89 mm]
Width	0.83 in [21.08 mm]
Weight	0.096 lbs [43.54 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 2 Watt RF Load With Chain Up to 18 GHz With N Male Input Nickel Plated Brass PE6075

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 Phone: (866) 727-8376 or (949) 261-1920 • Fax: (949) 261-7451

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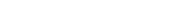
PE6075

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Configuration Connector Connector Specification	N Male MIL-STD-34	18	
Material Specifications			
Description	Material	Plating	
Connector 1 Contact	Beryllium Copper	Gold	
Body	Brass	Nickel	
Coupling Nut	Brass	Nickel	
Housing	Brass	Nickel	
Chain	Passivated Stainless Steel		
Environmental Specifications Temperature Operating Range Compliance Certifications (visit www.	-65 to +125 Pasternack.com for current document	0	
RoHS Compliant REACH Compliant	12/17/2015		
Plotted and Other Data Notes:			
2 Watt RF Load With Chain Up to 18 GHz shipment for domestic and International or and are part of the broadest selection in th	ders. Our RF, microwave and millimet		
Click the following link (or enter part numl inventory and certifications: 2 Watt RF Loa			ce,
URL: http://www.pasternack.com/2-watts-r	n-male-rf-load-up-to-18-ghz-precision-	pe6075-p.aspx	

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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PE6075 CAD Drawing 2 Watt RF Load With Chain Up to 18 GHz With N Male Input Nickel Plated Brass

