



2 Watt RF Load with Chain Up to 18 GHz  
with N Female Nickel Plated Brass

RF Terminations Technical Data Sheet

PE6076

**Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
Impedance		50		Ohms
Input Power (CW) Derated Linearly to 1 watt @ +125°C			2	Watts
Input Power (Peak) 5 µsec Pulse, .05% Duty Cycle			1	KWatts

**Performance by Frequency**

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 8	8 to 12.4	12.4 to 18			GHz
VSWR, Typ	1.2:1	1.25:1	1.3:1			

**Mechanical Specifications**

**Size**

Length	0.936 in [23.77 mm]
Width	0.625 in [15.88 mm]
Weight	0.082 lbs [37.19 g]

**Configuration**

Connector	N Female
Connector Specification	MIL-STD-348

**Material Specifications**

Description	Material	Plating
Connector 1 Contact	Beryllium Copper	Gold
Body	Brass	Nickel
Housing	Brass	Nickel
Chain		Passivated Stainless Steel

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 Female Nickel Plated Brass PE6076](#)



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#### Environmental Specifications

##### Temperature

Operating Range

-65 to +125 deg C

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

#### Plotted and Other Data

Notes:

2 Watt RF Load with Chain Up to 18 GHz with N Female Nickel Plated Brass 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.

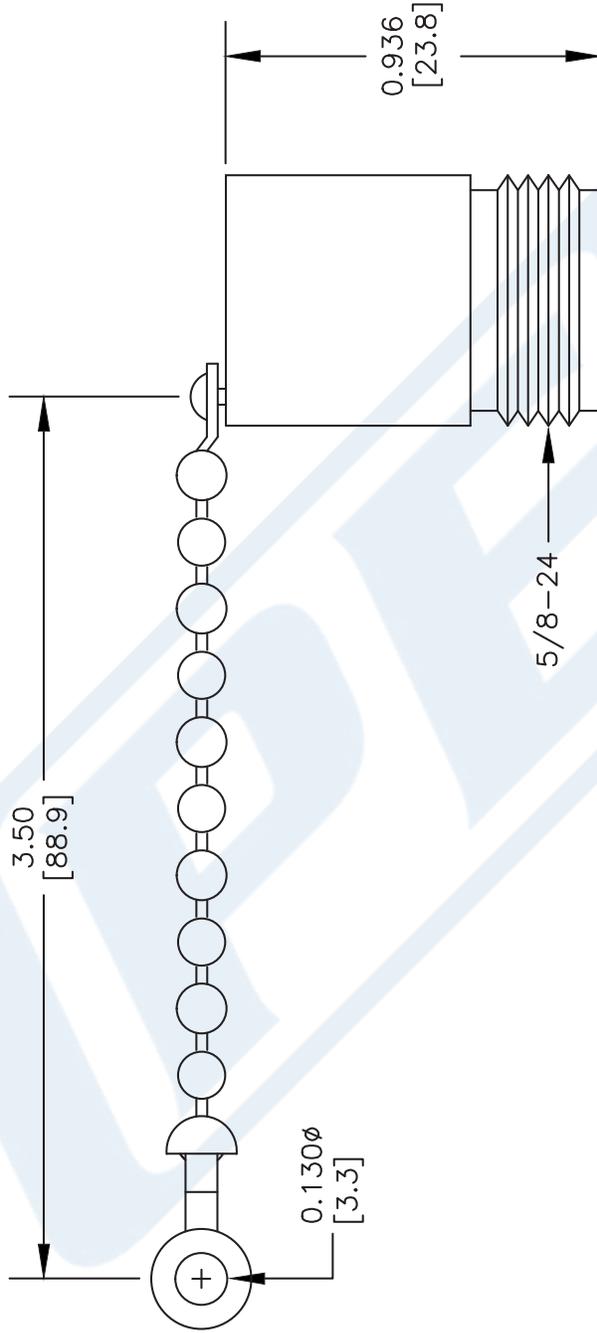
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2 Watt RF Load with Chain Up to 18 GHz with N Female Nickel Plated Brass PE6076](#)

URL: <https://www.pasternack.com/2-watts-n-female-rf-load-up-to-18-ghz-precision-pe6076-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.

# PE6076 CAD Drawing

2 Watt RF Load with Chain Up to 18 GHz with N Female Nickel Plated Brass



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].

DWG TITLE  
**PE6076**

FSCM NO. 53919

CAD FILE 072202

SCALE N/A

SIZE A

XXXX

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