



## 50 Ohm 5 Watts Aluminum N Male RF Load Up To 6 GHz

### TECHNICAL DATA SHEET

PE6186

#### 50 Ohm 5 Watts Aluminum N Male RF Load Up To 6 GHz

##### Configuration

Connector	N Male
Heat Sink	Aluminum
Connection Method	Standard
Body Style	Straight

##### Electrical Specifications

Frequency Range, GHz	DC to 6
Impedance, Ohms	50
Maximum VSWR	1.25:1
Maximum Input Power, Watts	5
Peak Power, Watts	500

##### Mechanical Specifications

###### Temperature

Operating Range, deg C	-55 to +125
------------------------	-------------

###### Size

Length, in [mm]	2.08 [52.83]
Width/Dia., in [mm]	0.787 [19.99]
Weight, lbs [g]	0.11 [49.9]

##### Connector

Type	N Male
Inner Conductor Material and Plating	Brass, Gold
Outer Conductor Material and Plating	Brass, Nickel
Coupling Nut Material and Plating	Brass, Nickel
Body Material and Plating	Brass, Nickel

##### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	Yes
----------------	-----

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm 5 Watts Aluminum N Male RF Load Up To 6 GHz PE6186](#)

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.



## 50 Ohm 5 Watts Aluminum N Male RF Load Up To 6 GHz

### TECHNICAL DATA SHEET

PE6186

#### Plotted and Other Data

Notes:

Values at 25 °C, sea level

50 Ohm 5 Watts Aluminum N Male RF Load Up To 6 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

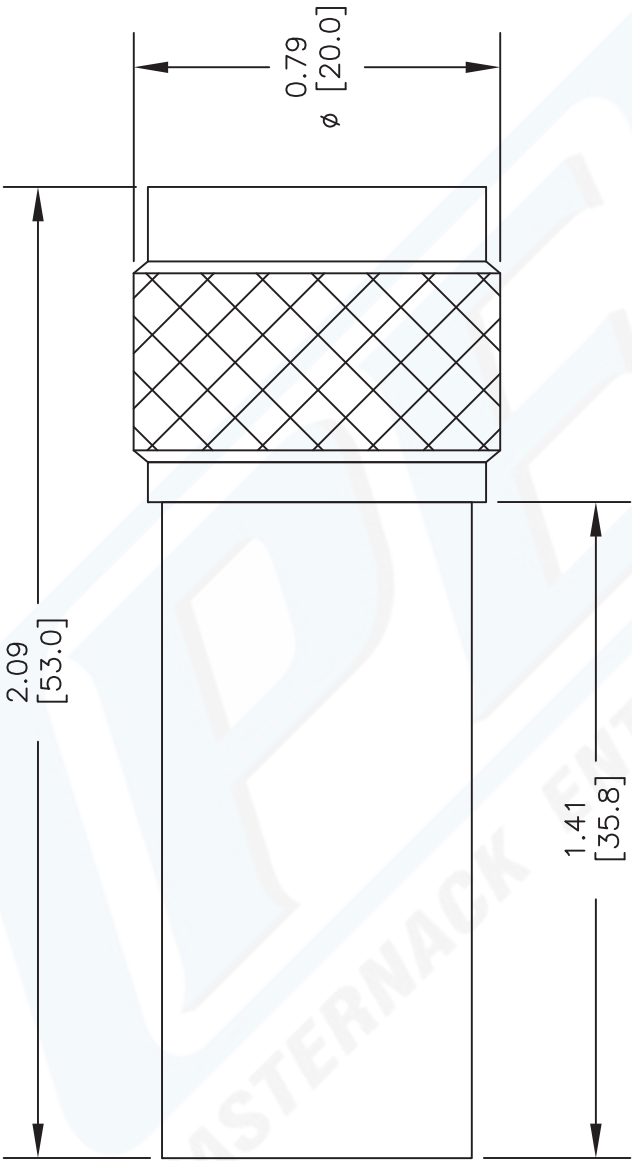
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm 5 Watts Aluminum N Male RF Load Up To 6 GHz PE6186](http://www.pasternack.com/5-watts-n-male-rf-load-up-to-6-ghz-pe6186-p.aspx)

URL: <http://www.pasternack.com/5-watts-n-male-rf-load-up-to-6-ghz-pe6186-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.

PE6186 CAD Drawing

50 Ohm 5 Watts Aluminum N Male RF Load Up To 6 GHz



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		FSCM NO. 53919		CAD FILE 041613		SCALE N/A	SIZE A	2231
PE6186								

**PASTERNAK®**

Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623  
**Phone:** (949) 261-1920 | **Fax:** (949) 261-7451  
**Website:** [www.pasternack.com](http://www.pasternack.com) | **E-Mail:** [sales@pasternack.com](mailto:sales@pasternack.com)