



10 dB Fixed Attenuator, N Male To N Female  
 Unidirectional Black Anodized Aluminum Heatsink  
 Body Rated To 200 Watts Up To 3 GHz

**TECHNICAL DATA SHEET**
**PE7387-10**
**Configuration**

Design	Fixed, Unidirectional Attenuator
Connector 1	N Male
Connector 2	N Female
Body Material and Plating	Black Anodized Aluminum Heatsink

**Electrical Specifications** \* Values at 25°C, sea level

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
Impedance		50		Ohms
Attenuation Value		10		dB
Input Power			200	Watts
Peak Power			10	KWatts
VSWR			1.35:1	

**Specifications by Frequency**

Description	F1	F2	F3	F4	F5	Units
Range	DC to 3					GHz
VSWR	1.35:1					
Attenuation Accuracy	± 1.25					dB

**Mechanical Specifications**
**Temperature**

Operating Range -55 to +125 deg C

**Size**

Length	10.512 in [267 mm]
Width	3.858 in [97.99 mm]
Height	2.362 in [59.99 mm]
Weight	6.173 lbs [2.8 Kg]

**Connectors**

Description	Connector 1	Connector 2
Type	N Male	N Female
Contact Material and Plating	Brass, Gold	Beryllium Copper, Gold
Body Material and Plating	Brass, Nickel	Brass, Nickel

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [10 dB Fixed Attenuator, N Male To N Female Unidirectional Black Anodized Aluminum Heatsink Body Rated To 200 Watts Up To 3 GHz PE7387-10](#)



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TECHNICAL DATA SHEET

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

**Plotted and Other Data**

Notes:

- Values at 25 °C, sea level
- 200W average to 25°C ambient temperature, derated linearly to 20W @ 125°C.//Peak Power: 10kW (5µs pulse width with 2% duty cycle)

**Performance Data**

10 dB Fixed Attenuator, N Male To N Female Unidirectional Black Anodized Aluminum Heatsink Body Rated To 200 Watts Up To 3 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave 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: [10 dB Fixed Attenuator, N Male To N Female Unidirectional Black Anodized Aluminum Heatsink Body Rated To 200 Watts Up To 3 GHz PE7387-10](http://www.pasternack.com/10db-fixed-n-male-n-female-200-watts-attenuator-pe7387-10)

URL: <http://www.pasternack.com/10db-fixed-n-male-n-female-200-watts-attenuator-pe7387-10-p.aspx>

# PE7387-10 CAD Drawing

10 dB Fixed Attenuator, N Male To N Female Unidirectional Black Anodized Aluminum Heatsink Body Rated To 200 Watts Up To 3 GHz

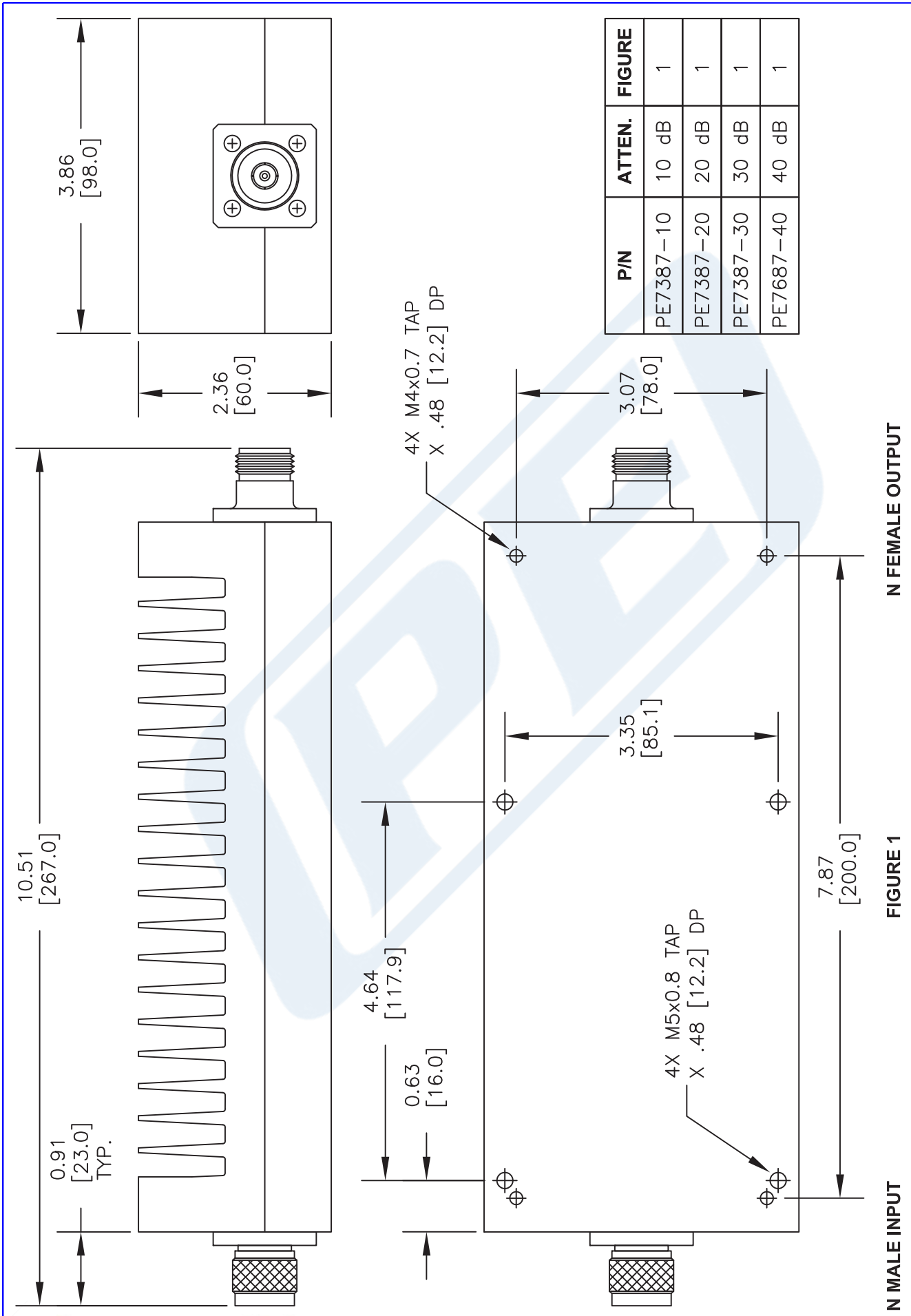


FIGURE 1 N MALE INPUT N FEMALE OUTPUT

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  
**PE7387**

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FSCM NO. 53919

CAD FILE 081413 SCALE N/A SIZE A 2233