



3 dB Fixed Attenuator, N Male To N Female Black Anodized  
Aluminum Heatsink Body Rated To 5 Watts Up To 18 GHz

TECHNICAL DATA SHEET

PE7014-3

**Configuration**

Design	Fixed, Bidirectional 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		18	GHz
Impedance		50		Ohms
Attenuation Value		3		dB
Input Power			5	Watts
VSWR			1.4:1	

**Specifications by Frequency**

Description	F1	F2	F3	F4	F5	Units
Range	DC to 18					GHz
VSWR	1.4:1					
Attenuation Accuracy	± 0.3					dB

**Mechanical Specifications**

<b>Size</b>	
Length	1.9 in [48.26 mm]
Width	0.8 in [20.32 mm]

**Connectors**

Description	Connector 1	Connector 2
Type	N Male	N Female
Connector Specification	MIL-C-39012	MIL-C-39012
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Coupling Nut Material and Plating	Passivated Stainless Steel	
Body Material and Plating	Passivated Stainless Steel	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: [3 dB Fixed Attenuator, N Male To N Female Black Anodized Aluminum Heatsink Body Rated To 5 Watts Up To 18 GHz PE7014-3](#)



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

RoHS Compliant  
REACH Compliant

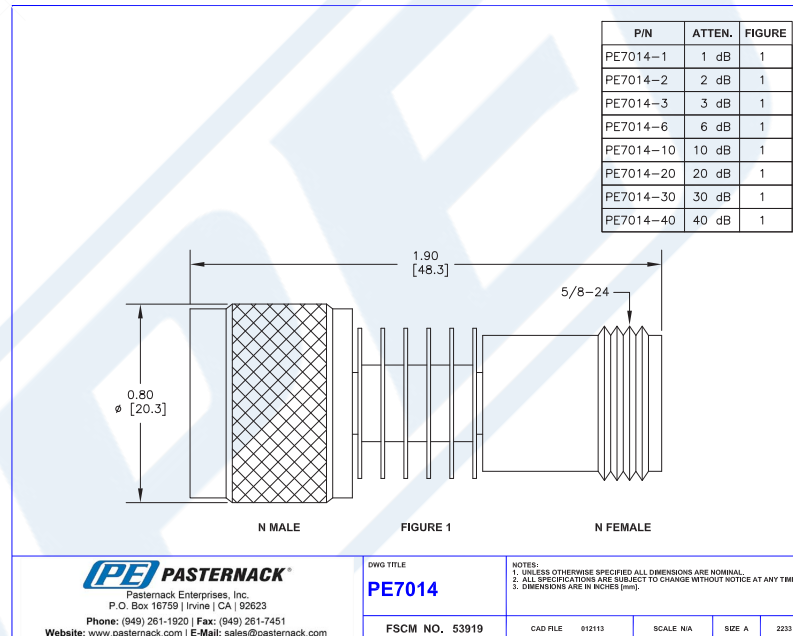
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**Plotted and Other Data**

Notes:

- Values at 25 °C, sea level

**Outline Drawing**



3 dB Fixed Attenuator, N Male To N Female Black Anodized Aluminum Heatsink Body Rated To 5 Watts Up To 18 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: [3 dB Fixed Attenuator, N Male To N Female Black Anodized Aluminum Heatsink Body Rated To 5 Watts Up To 18 GHz PE7014-3](http://www.pasternack.com/3db-fixed-n-female-n-male-5-watts-attenuator-pe7014-3-p.aspx)

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