



Directional 20 dB N Coupler From 800 MHz
to 2.5 GHz Rated To 60 Watts

TECHNICAL DATA SHEET

PE2237-20

Directional 20 dB N Coupler From 800 MHz to 2.5 GHz Rated To 60 Watts

Configuration

Connector 1	N Female
Connector 2	N Female
Connector 3	N Female
Design	Directional Coupler

Electrical Specifications

Frequency Range, GHz	0.8 to 2.5
Directivity, dB	20
Impedance, Ohms	50
Maximum Insertion Loss, dB	0.4
Maximum Input Power, Watts	60
Maximum Input VSWR	1.25:1
Coupling Value, dB	20
Coupling Tolerance, dB	± 1
Frequency Sensitivity, dB	0.7

Mechanical Specifications

Temperature

Operating Range, deg C	-20 to +70
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Size

Length, in [mm]	5.63 [143]
Width, in [mm]	0.825 [20.96]
Height, in [mm]	1.94 [49.28]

Connector 1

Type	N Female
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Connector 2

Type	N Female
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Connector 3

Type	N Female
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Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Directional 20 dB N Coupler From 800 MHz to 2.5 GHz Rated To 60 Watts PE2237-20](#)

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.



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Plotted and Other Data

Notes:

Values at 25 °C, sea level

Directional 20 dB N Coupler From 800 MHz to 2.5 GHz Rated To 60 Watts 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.

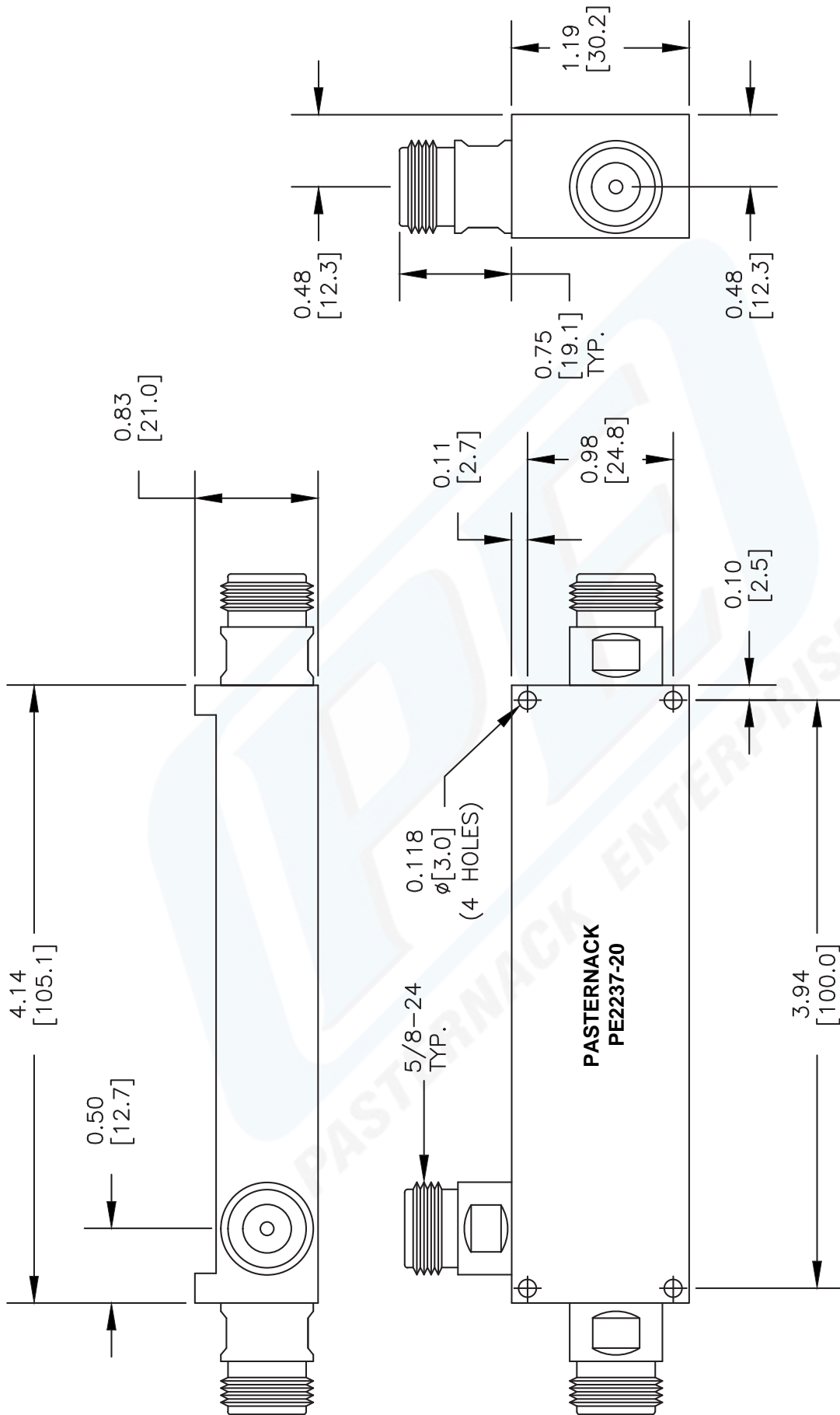
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Directional 20 dB N Coupler From 800 MHz to 2.5 GHz Rated To 60 Watts PE2237-20](http://www.pasternack.com/directional-20-db-n-coupler-0.8-2.5-ghz-70-watts-pe2237-20-p.aspx)

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PE2237-20 CAD Drawing

Directional 20 dB N Coupler From 800 MHz to 2.5 GHz Rated To 60 Watts



DWG TITLE

PE2237-20

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].

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REV. -

FSCM NO. 53919

CAD FILE 052609

SCALE N/A

SIZE A

127