



Directional 10 dB SMA Coupler From 1 GHz to 18 GHz Rated To 25 Watts

TECHNICAL DATA SHEET

PE2214-10

Directional 10 dB SMA Coupler From 1 GHz to 18 GHz Rated To 25 Watts

Configuration

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

Electrical Specifications

Frequency Range, GHz	1 to 18
Directivity, dB	15
Impedance, Ohms	50
Maximum Insertion Loss, dB	0.9
Maximum Input Power, Watts	25
Maximum Input VSWR	1.5:1
Maximum Operating Voltage, Vrms	10
Coupling Value, dB	10
Coupling Tolerance, dB	± 1
Frequency Sensitivity, dB	0.5

Mechanical Specifications

Size

Length, in [mm]	4.26 [108.2]
Width, in [mm]	0.4 [10.16]
Height, in [mm]	1.2 [30.48]

Connector 1

Type	SMA Female
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Connector 2

Type	SMA Female
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Connector 3

Type	SMA Female
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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 10 dB SMA Coupler From 1 GHz to 18 GHz Rated To 25 Watts PE2214-10](#)

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

Plotted and Other Data

Notes:

Values at 25 °C, sea level

Directional 10 dB SMA Coupler From 1 GHz to 18 GHz Rated To 25 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.

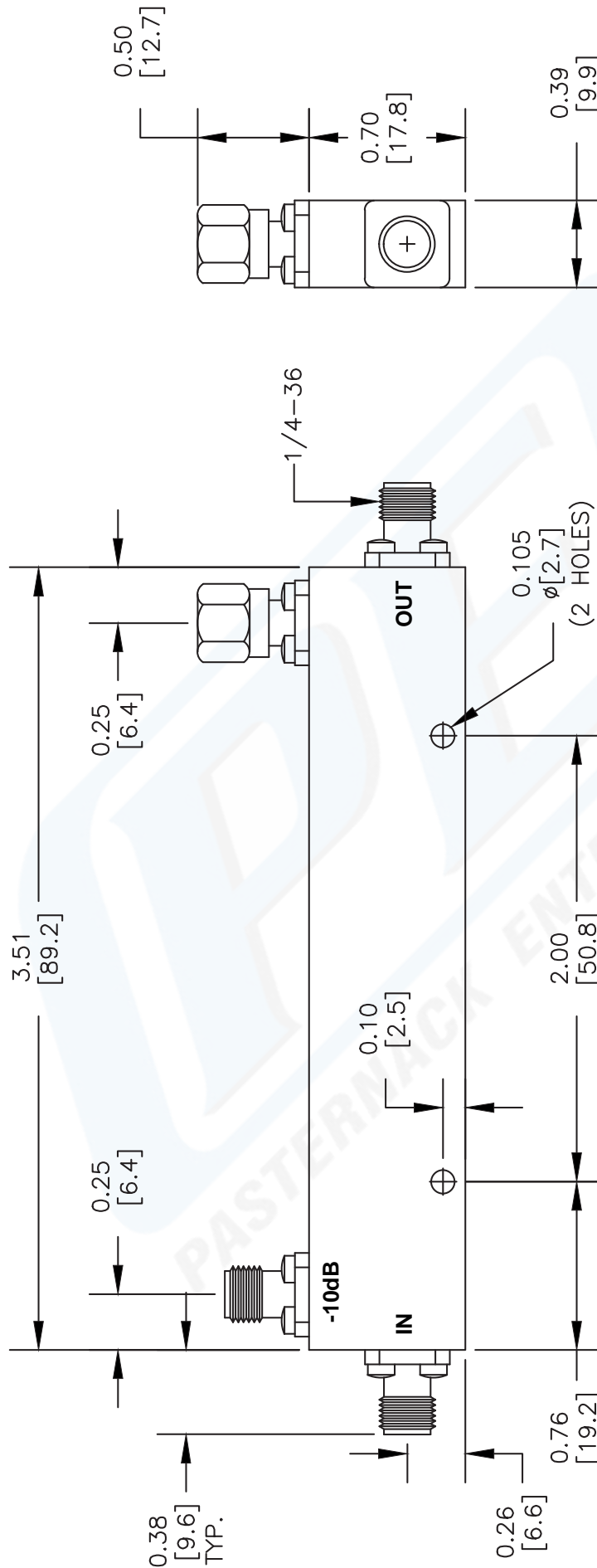
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Directional 10 dB SMA Coupler From 1 GHz to 18 GHz Rated To 25 Watts PE2214-10](http://www.pasternack.com/directional-10-db-sma-coupler-1-18-ghz-25-watts-pe2214-10)

URL: <http://www.pasternack.com/directional-10-db-sma-coupler-1-18-ghz-25-watts-pe2214-10-p.aspx>

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PE2214-10 CAD Drawing

Directional 10 dB SMA Coupler From 1 GHz to 18 GHz Rated To 25 Watts



DWG TITLE

PE2214-10

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].

REV. B | FSCM NO. 53919

SIZE A

SCALE N/A

CAD FILE 072710-B

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