



Directional 20 dB SMA Coupler From 7 GHz to 12.4 GHz Rated To 50 Watts

TECHNICAL DATA SHEET

PE2205-20

Configuration

Connector 1	SMA Female
Connector 2	SMA Female
Coupled Connectors	SMA Female
Design	Directional Coupler

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	7		12.4	GHz
Directivity	17			dB
Impedance		50		Ohms
Insertion Loss			0.35	dB
Input Power			50	Watts
Input VSWR			1.3:1	
Secondary Line VSWR			1.3:1	
Peak Power			3	KWatts
Coupling Value		20		dB
Coupling Tolerance			± 1	dB
Coupling Flatness			± 0.5	dB

Electrical Specification Notes: Values at 25°C, sea level.

Mechanical Specifications

Size	
Length	1.75 in [44.45 mm]
Width/Dia.	0.38 in [9.65 mm]
Height	1.06 in [26.92 mm]
Weight	0.055 lbs [24.95 g]

Connectors

Description	Connector 1	Connector 2	Coupled Connectors
Type	SMA Female	SMA Female	SMA Female

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

Not RoHS Compliant	
REACH Compliant	12/17/2014

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 SMA Coupler From 7 GHz to 12.4 GHz Rated To 50 Watts PE2205-20](#)



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Plotted and Other Data

Notes:

- Values at 25°C, sea level.

Directional 20 dB SMA Coupler From 7 GHz to 12.4 GHz Rated To 50 Watts 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.

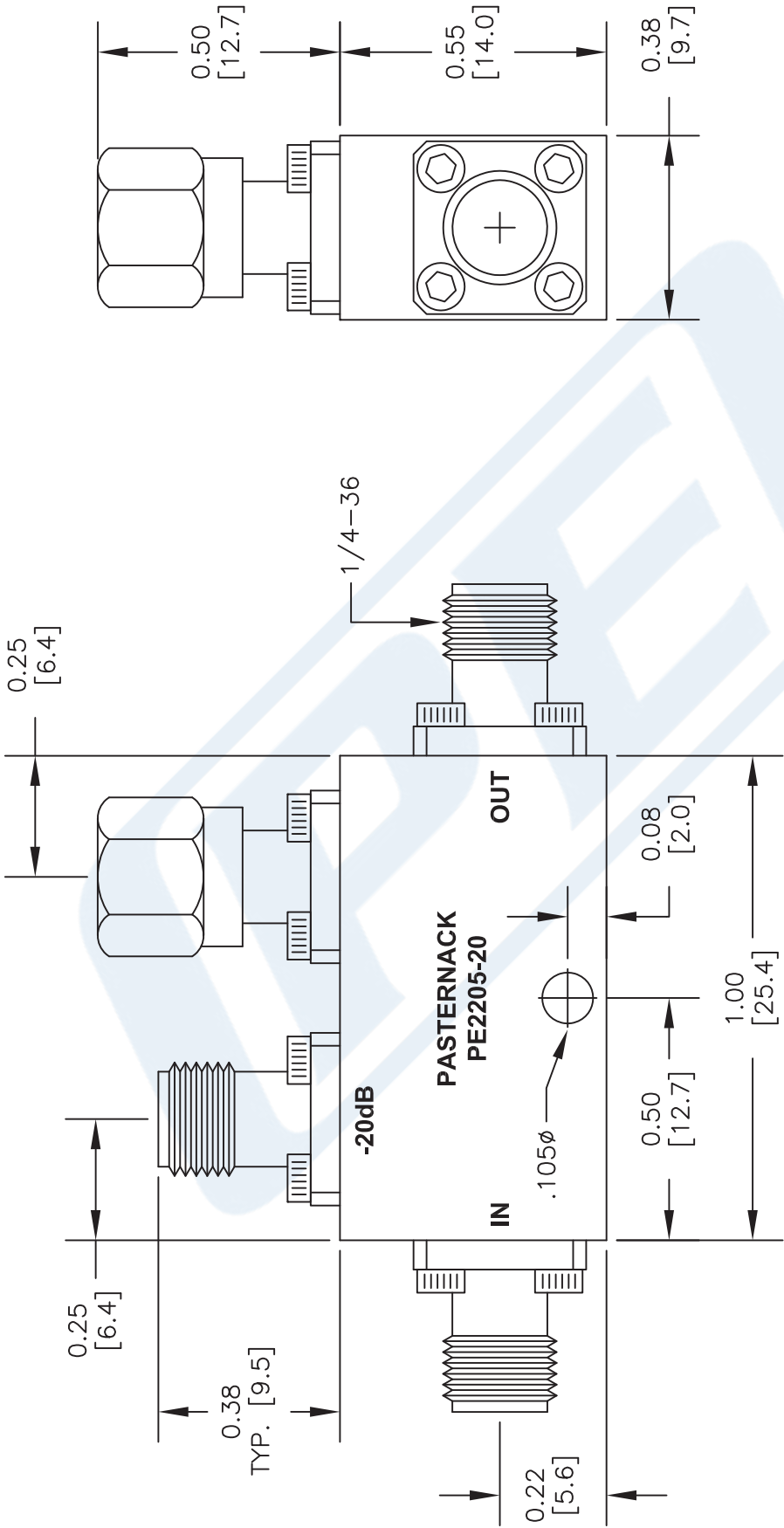
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URL: <http://www.pasternack.com/directional-20-db-sma-coupler-7-12.4-ghz-50-watts-pe2205-20-p.aspx>

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. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE2205-20 CAD Drawing

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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
PE2205-20

FSCM NO. 53919

2233

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