PASTERNACK®
THE ENGINEER'S RF SOURCE



Dual Directional 20 dB SMA Coupler From 1 GHz to 2 GHz Rated To 50 Watts

TECHNICAL DATA SHEET PE2218-20

Configuration

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

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	1		2	GHz
Directivity	22			dB
Impedance		50		Ohms
Insertion Loss			0.5	dB
Input Power			50	Watts
Input VSWR			1.15:1	
Secondary Line VSWR			1.1:1	
Peak Power			3	KWatts
Coupling Value		20		dB
Coupling Tolerance			± 1.25	dB
Coupling Flatness			± 0.8	dB

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

Mechanical Specifications

Size

Length	4.43 in [112.52 mm]
Width/Dia.	0.38 in [9.65 mm]
Height	1 in [25.4 mm]

Connectors

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

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

RoHS Compliant	
REACH Compliant	06/18/2012

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Dual Directional 20 dB SMA Coupler From 1 GHz to 2 GHz Rated To 50 Watts PE2218-20

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

ISO 9001 : 2008 Registered

© 2015 Pasternack Enterprises All Rights Reserved

PASTERNACK®
THE ENGINEER'S RF SOURCE



Dual Directional 20 dB SMA Coupler From 1 GHz to 2 GHz Rated To 50 Watts

TECHNICAL DATA SHEET PE2218-20

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

Dual Directional 20 dB SMA Coupler From 1 GHz to 2 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Dual Directional 20 dB SMA Coupler From 1 GHz to 2 GHz Rated To 50 Watts PE2218-20

URL: http://www.pasternack.com/dual-directional-20-db-sma-coupler-1-2-ghz-10-watts-pe2218-20-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.

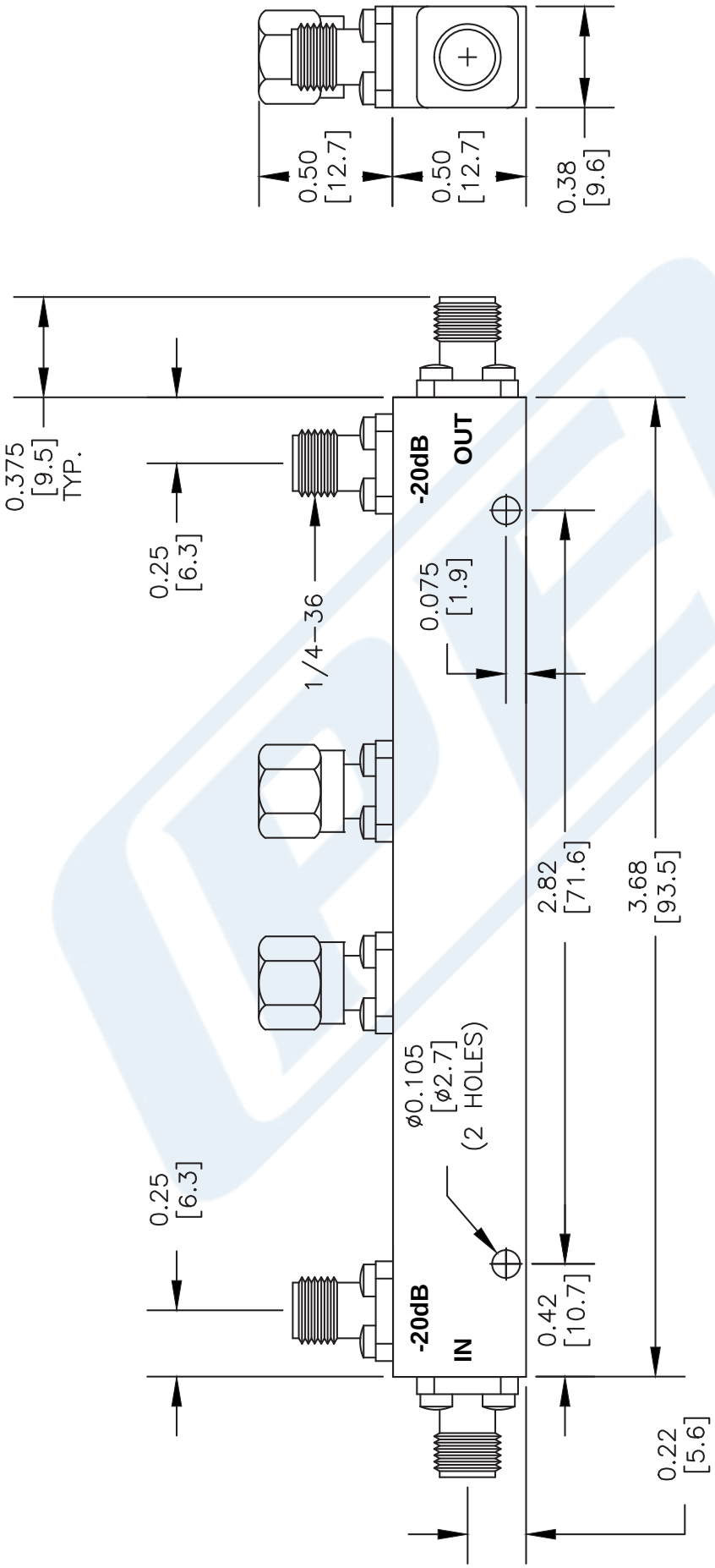
Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

ISO 9001 : 2008 Registered

© 2015 Pasternack Enterprises All Rights Reserved

PE2218-20 CAD Drawing

Dual Directional 20 dB SMA Coupler From 1 GHz to 2 GHz Rated To 50 Watts



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].

CAD FILE	SCALE	SIZE
092908	N/A	A

XXXX

DWG TITLE

PE2218-20

FSCM NO. 53919

PASTERNACK®

Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623

Phone: (949) 261-1920 | **Fax:** (949) 261-7451
Website: www.pasternack.com | **E-Mail:** sales@pasternack.com

© 2014 Pasternack Enterprises All Rights Reserved