



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)

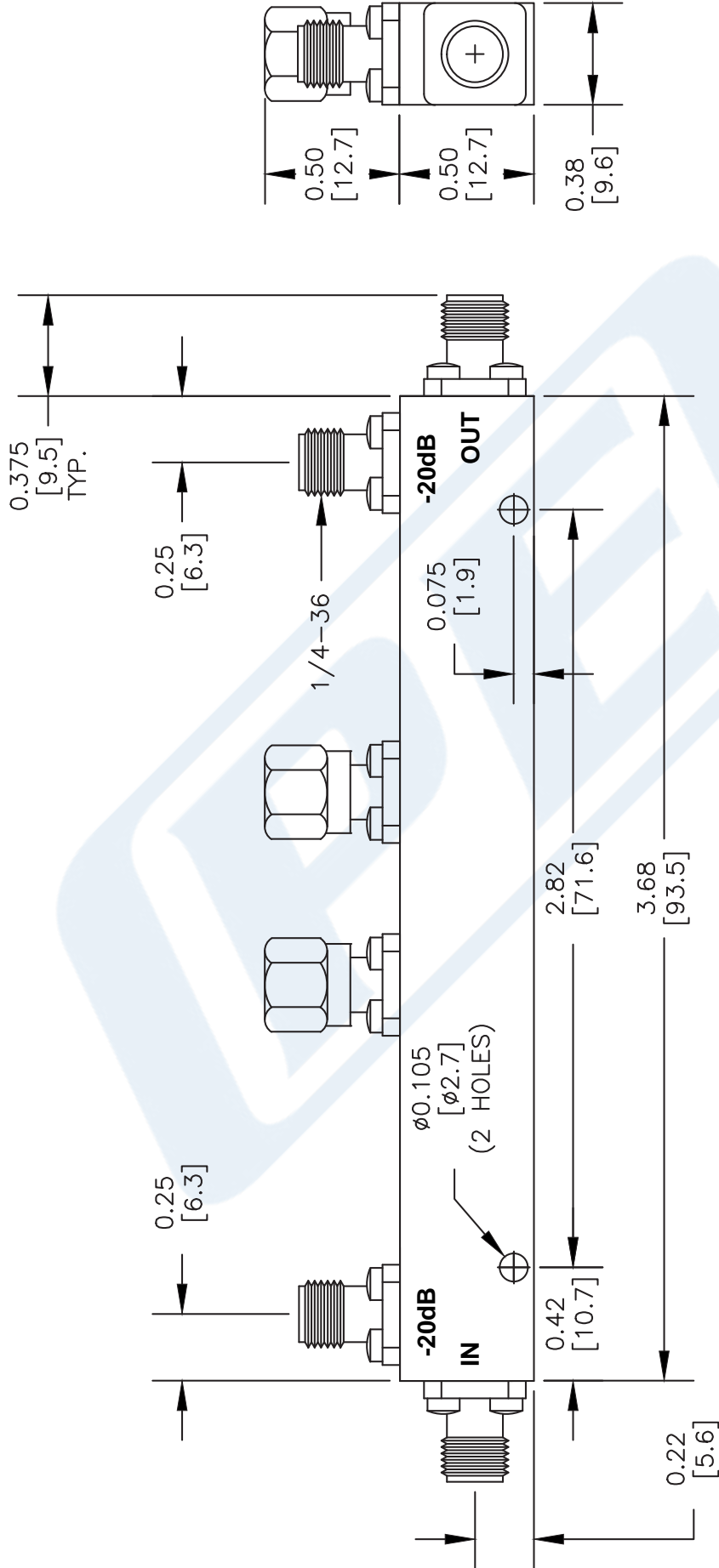
RoHS Compliant	
REACH Compliant	06/18/2012

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](#)

PE2218-20

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].

DWG TITLE
PE2218-20

FSCM NO. 53919

SIZE A

SCALE N/A

CAD FILE 092908

092908

092908

FSCM NO. 53919

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