



## Directional 30 dB SMA Coupler From 2.6 GHz to 5.2 GHz Rated to 50 Watts

### Couplers Technical Data Sheet

PE2203-30

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	2.6		5.2	GHz
Impedance		50		Ohms
Coupling		30 ±1.25		dB
Frequency Sensitivity			±0.75	dB
Insertion Loss			0.2	dB
Directivity	20			dB
Main Line VSWR			1.25:1	
Secondary Line VSWR			1.25:1	
Input Power (CW)			50	Watts
Input Power (Peak)			3	KWatts

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	1.05 in [26.67 mm]
Weight	0.055 lbs [24.95 g]

##### Configuration

Input Connector	SMA Female
Output Connector	SMA Female
Coupled Connectors	SMA Female

#### Environmental Specifications

##### Temperature

Operating Range	-55 to +100 deg C
Storage Range	-55 to +100 deg C

Humidity	MIL-STD-202 Method 106
Shock	MIL-STD-202 Method 213/I
Vibration	MIL-STD-202 Method 204/D
Altitude	MIL-STD-202 Method 105/E

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Directional 30 dB SMA Coupler From 2.6 GHz to 5.2 GHz Rated to 50 Watts PE2203-30](#)



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Thermal Shock

MIL-STD-202 Method 107/B

#### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant

REACH Compliant

12/17/2015

#### Plotted and Other Data

Notes:

- Values at 25°C, sea level.

Directional 30 dB SMA Coupler From 2.6 GHz to 5.2 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.

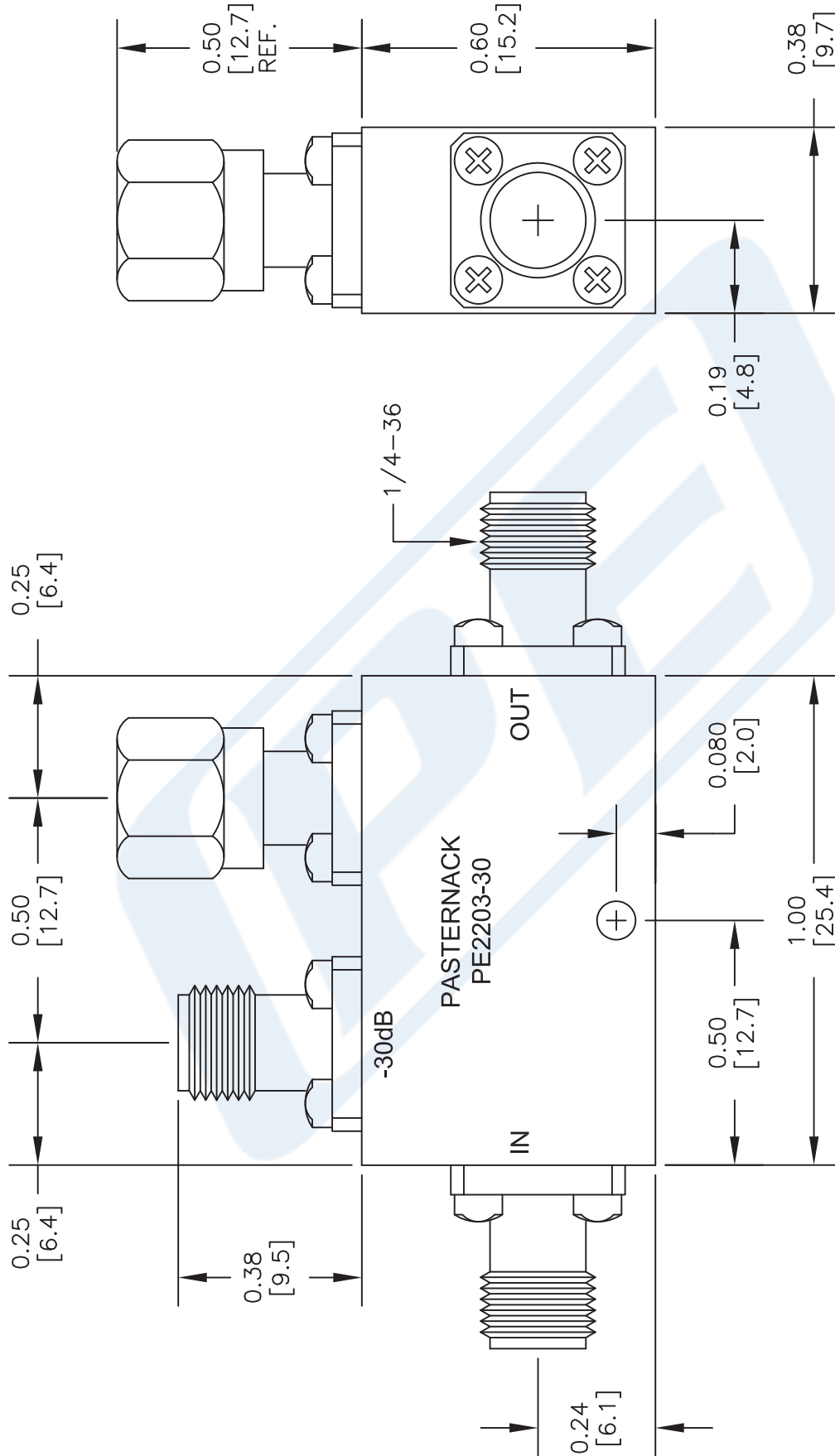
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Directional 30 dB SMA Coupler From 2.6 GHz to 5.2 GHz Rated to 50 Watts PE2203-30](http://www.pasternack.com/directional-30-db-sma-coupler-2.6-5.2-ghz-50-watts-pe2203-30)

URL: <http://www.pasternack.com/directional-30-db-sma-coupler-2.6-5.2-ghz-50-watts-pe2203-30-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.

# PE2203-30 CAD Drawing

Directional 30 dB SMA Coupler From 2.6 GHz to 5.2 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

**PE2203-30**

**PE PASTERNAK®**  
 THE ENGINEER'S RF SOURCE

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CAD FILE 030514

SCALE N/A

SIZE A

2233