



Directional 6 dB SMA Coupler From 2 GHz
to 8 GHz Rated To 50 Watts

TECHNICAL DATA SHEET

PE2210-6

Configuration

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

Electrical Specifications (Values at 25°C, sea level)

Description	Minimum	Typical	Maximum	Units
Frequency Range	2		8	GHz
Directivity	20			dB
Impedance		50		Ohms
Insertion Loss			2.2	dB
Input Power			50	Watts
Input VSWR			1.25:1	
Peak Power			3	KWatts
Coupling Value		6		dB
Coupling Tolerance			± 1	dB
Frequency Sensitivity		0.5		dB

Mechanical Specifications

Size	
Length	1.78 in [45.21 mm]
Width/Dia.	0.38 in [9.65 mm]
Height	1.33 in [33.78 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

Plotted and Other Data

- Notes:
- Values at 25 °C, sea level
 - Insertion loss (Excluding coupled power: .35 dB) True: 1 dB

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Directional 6 dB SMA Coupler From 2 GHz to 8 GHz Rated To 50 Watts PE2210-6](#)

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