

## 2 WAY-0°

## 820-960MHz POWER SPLITTER/COMBINER

### Features

- 820 – 960MHz
- 2 Way-0°
- 50 Ohm Input/Output
- Excellent Amplitude Balance
- Matching Power Rating: 1 Watt
- SMA Connector

### Description

PSC-2-0809 is a 2 Way-0° power splitter/combiner operates with frequency range of 820 to 960MHz.

### Picture



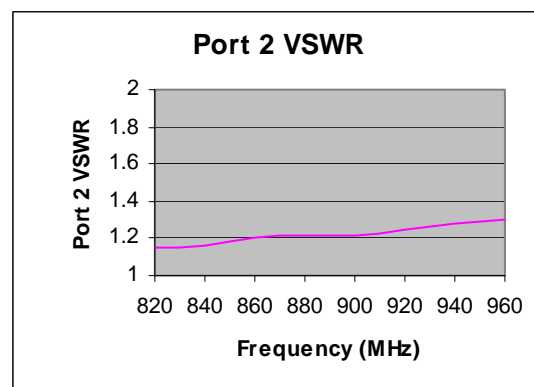
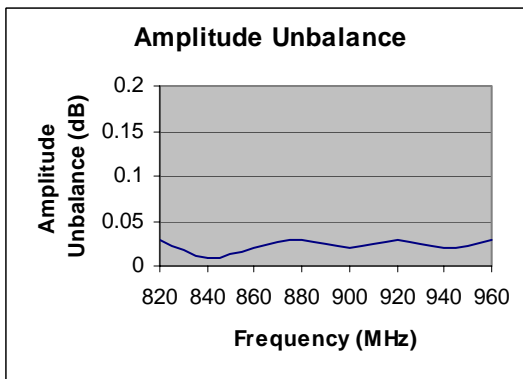
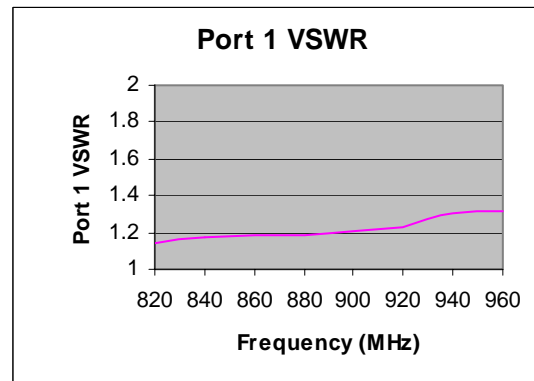
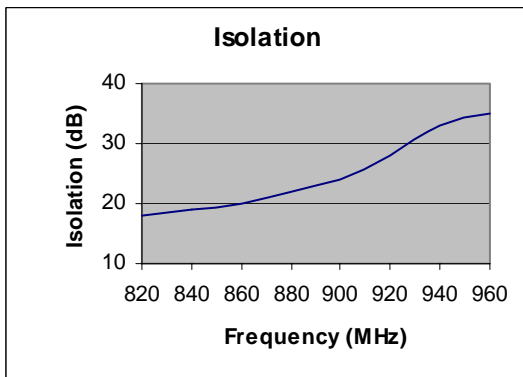
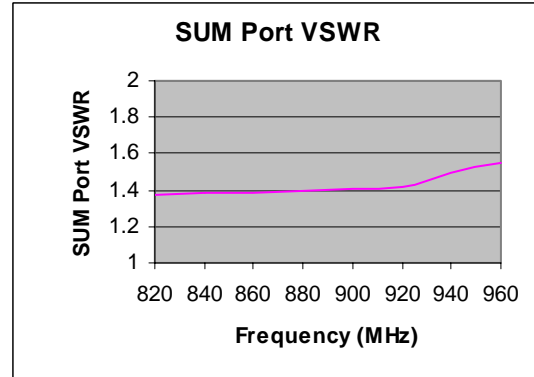
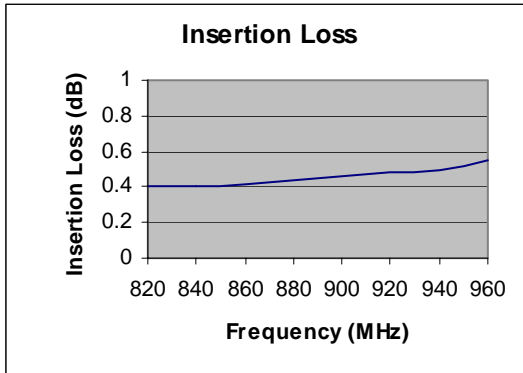
### Electrical Specifications @ +25 °C

Parameter	Unit	Minimum	Typical	Maximum
Frequency Range	MHz	820		960
Isolation	dB	15	23	
Insertion Loss Above 3dB	dB		0.5	0.6
Phase Unbalance	°		0.5	1.5
Amplitude Unbalance	dB		0.05	0.1
VSWR				
SUM Port			1.4:1	1.6:1
Port 1, Port 2			1.2:1	1.4:1
RF Input Power	dBm			+30

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### Typical Performance @ +25 °C



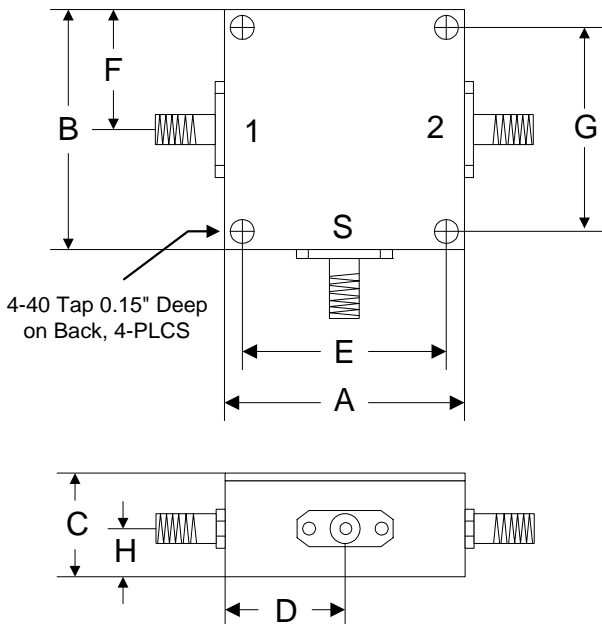
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### Absolute Maximum Ratings

Parameter	Absolute Maximum
RF Input Power	+30dBm, CW
Operating Temperature	-40 °C to +85 °C
Storage Temperature	-65 °C to +150 °C

### Outline



	A	B	C	D	E	F	G	H
<b>Inch</b>	1.250	1.250	0.563	0.625	1.000	0.625	1.000	0.250
<b>mm</b>	31.75	31.75	14.29	15.88	25.40	15.88	25.40	6.35