

## 2 WAY-0° RESISTIVE

## DC-4200MHz POWER SPLITTER/COMBINER

### Features

- DC – 4200MHz
- Resistive 2 Way-0°
- 50 Ohm Input/Output
- 6-dB Port Isolation
- Matching Power Rating: 1 Watt
- SMA Connector

### Description

PSC-2R-42 is a resistive 2 Way-0° power splitter/combiner operates with frequency range of DC to 4200MHz.

### Picture



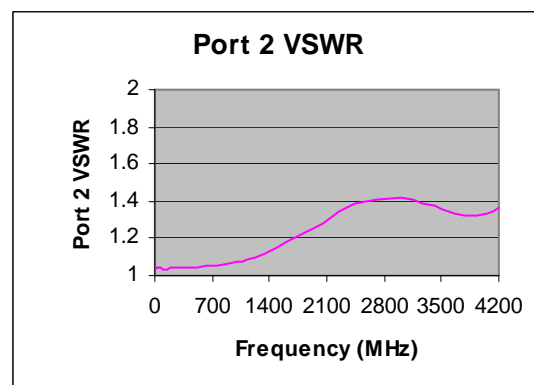
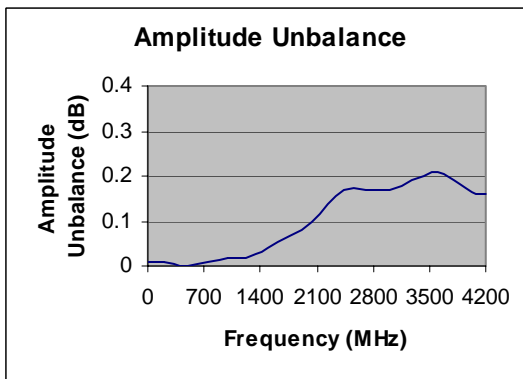
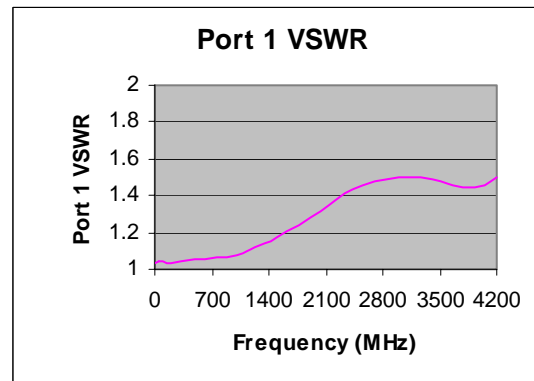
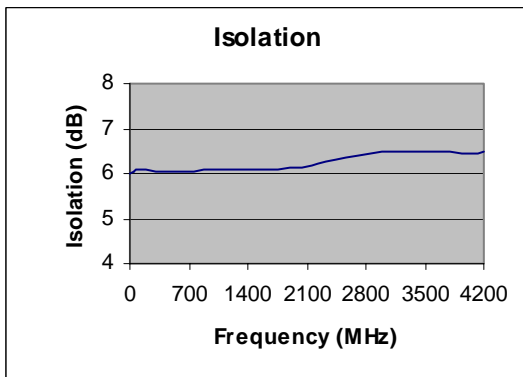
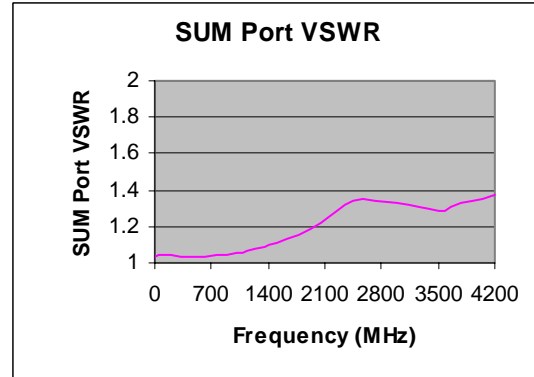
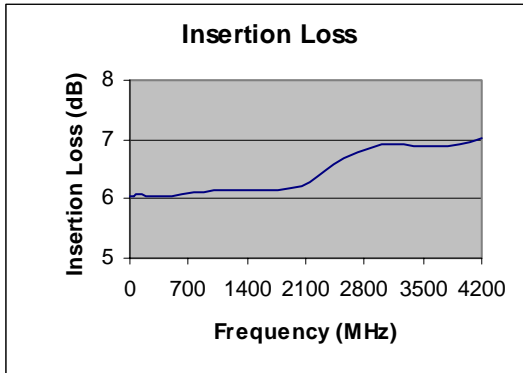
### Electrical Specifications @ +25 °C

Parameter	Unit	Minimum	Typical	Maximum
Frequency Range	MHz	DC		4200
Isolation	DC-100 MHz		6.3	
	100-2100MHz		6.6	
	2100-4200MHz		7.0	
Insertion Loss	DC-100MHz		6.2	6.4
	100-2150MHz		6.4	6.7
	2100-4200MHz		6.8	7.4
Phase Unbalance	DC-100MHz		1	
	100-2150MHz		3	
	2100-4200MHz		5	
Amplitude Unbalance	DC-100MHz		0.1	
	100-2150MHz		0.2	
	2100-4200MHz		0.5	

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### Typical Performance @ +25 °C



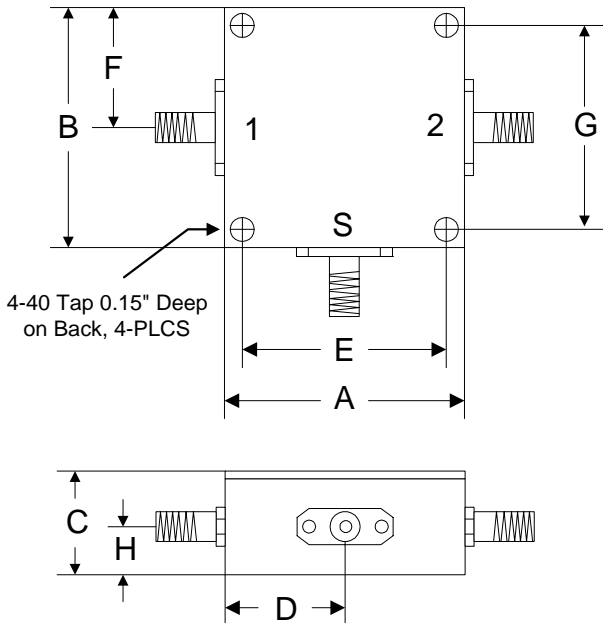
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### Absolute Maximum Ratings

Parameter	Absolute Maximum
RF Power	+30dBm
Operating Temperature	-40 °C to +85 °C
Storage Temperature	-55 °C to +100 °C

### Outline



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