

## 2 WAY-0°

## 20-2000MHz POWER SPLITTER/COMBINER

### Features

- 20 – 2000MHz
- 2 Way-0°
- 50 Ohm Input/Output
- Excellent Amplitude Balance
- Matching Power Rating: 1 Watt
- SMA Connector

### Description

PSC-2-20 is a 2 Way-0° wide band power splitter/combiner operates with frequency range of 20MHz to 2000MHz.

### Picture



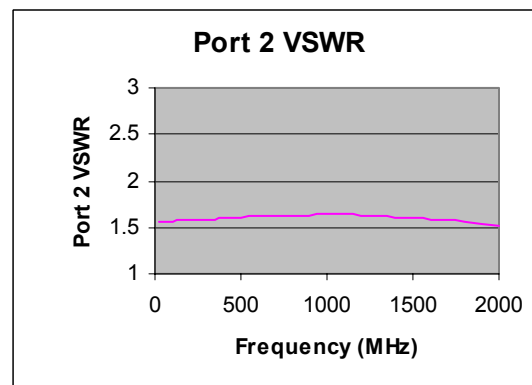
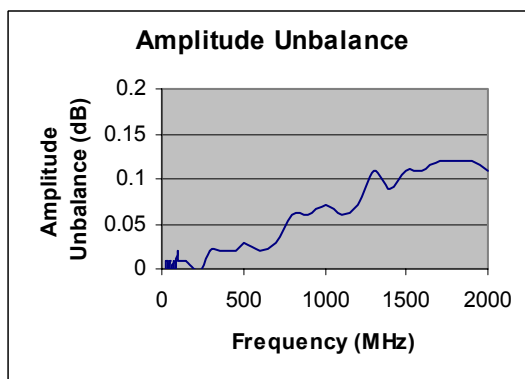
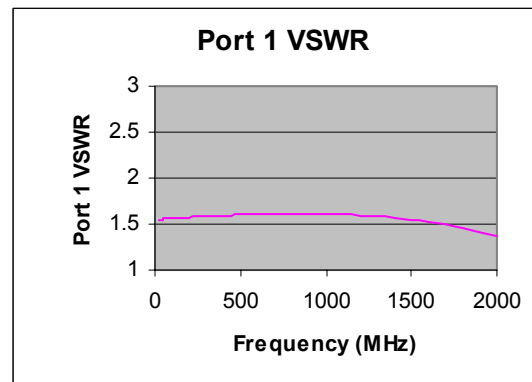
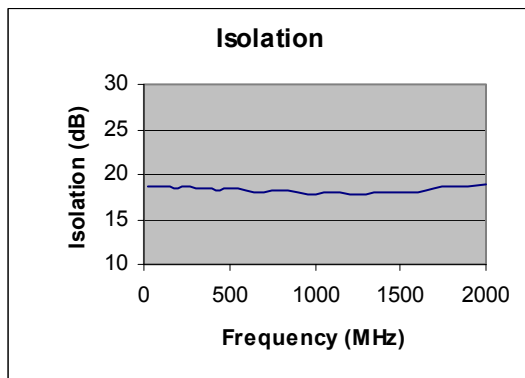
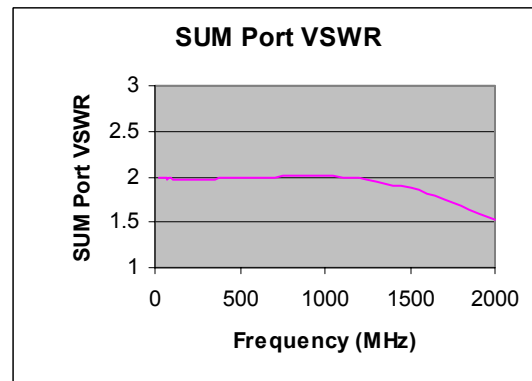
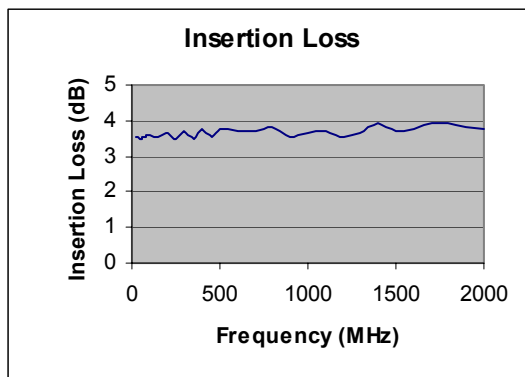
### Electrical Specifications @ +25 °C, $Z_s = Z_L = 50 \text{ Ohm}$

Parameter	Unit	Minimum	Typical	Maximum
Frequency Range	MHz	20		2000
Isolation	20MHz-200MHz	dB	15	18
	200MHz-1000MHz	dB	15	18
	1000MHz-2000MHz	dB	15	18
Insertion Loss Above 3dB				
	20MHz-200MHz	dB	0.5	0.8
	200MHz-1000MHz	dB	0.7	1.0
	1000MHz-2000MHz	dB	0.8	1.5
Phase Unbalance	20-2000MHz	°	3	5
Amplitude Unbalance	20-2000MHz	dB	0.3	0.7
VSWR(SUM Ports)	20-2000MHz		2.0:1	2.5:1
(Port 1,2)	20-2000MHz		1.7:1	2.0:1
RF Input Power	dBm			+30

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### Typical Performance @ +25 °C





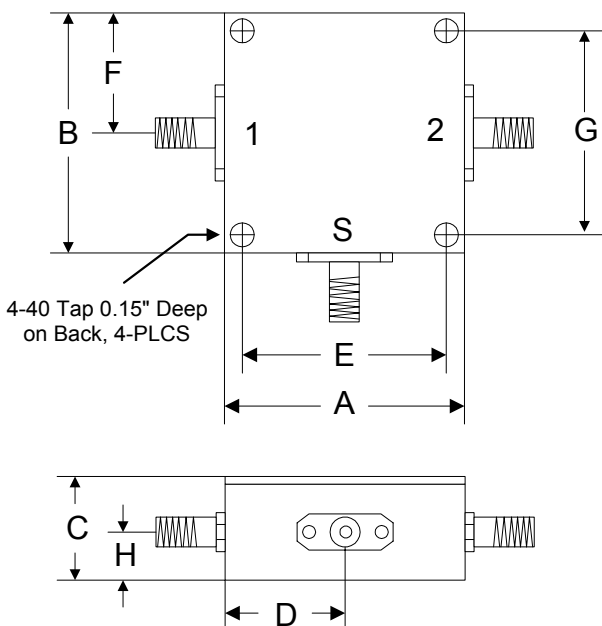
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**Absolute Maximum Ratings**

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	0.500
<b>mm</b>	31.75	31.75	14.29	15.88	25.40	15.88	25.40	12.70