

## 2 WAY-0°

## 1-650MHz POWER SPLITTER/COMBINER

### Features

- 1 – 650MHz
- 2 Way-0°
- 50 Ohm Input/Output
- Excellent Amplitude Balance
- Matching Power Rating: 1 Watt
- SMA Connector

### Description

PSC-2-6 is a 2 Way-0° wide band power splitter/combiner operates with frequency range of 1MHz to 650MHz.



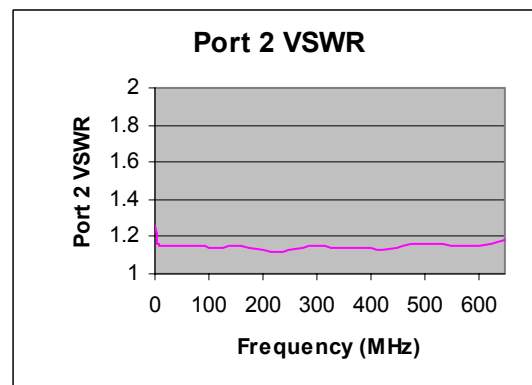
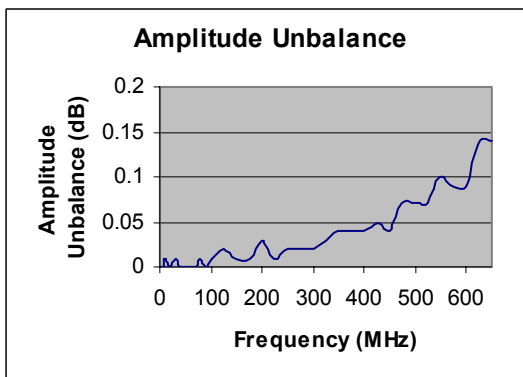
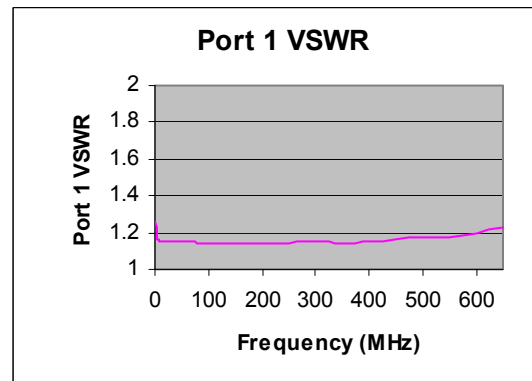
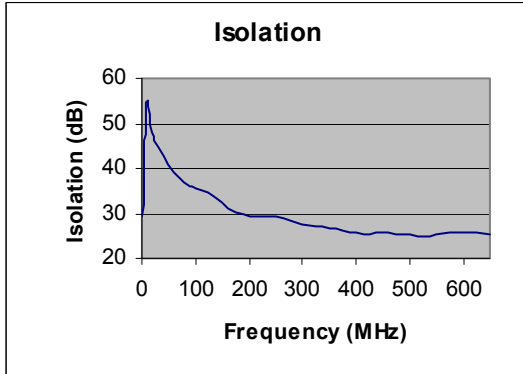
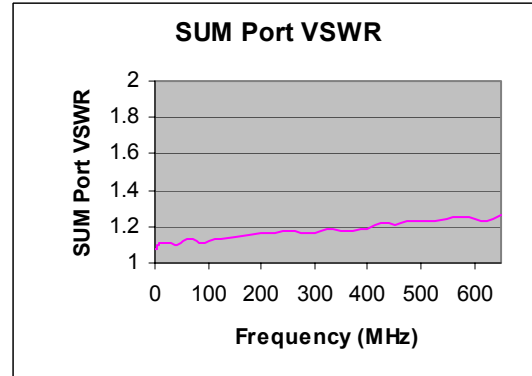
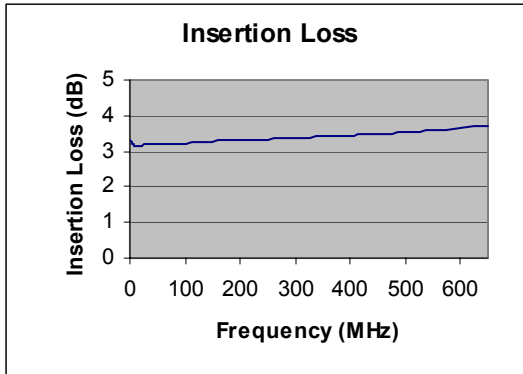
### Electrical Specifications @ +25 °C, $Z_S = Z_L = 50$ Ohm

Parameter	Unit	Minimum	Typical	Maximum
Frequency Range	MHz	1		650
Isolation	1MHz-10MHz	20	30	
	10MHz-325MHz	20	30	
	325MHz-650MHz	20	24	
Insertion Loss Above 3dB	1MHz-10MHz		0.2	0.8
	10MHz-325MHz		0.3	0.8
	325MHz-650MHz		0.5	1.0
Phase Unbalance	1-650MHz	°	2	3
Amplitude Unbalance	1-650MHz	dB	0.2	0.3
VSWR(All Ports)	1-650MHz		1.3:1	1.5:1
RF Input Power	dBm			+30

2 WAY-0°

1-650MHz POWER  
SPLITTER/COMBINER

Typical Performance @ +25 °C





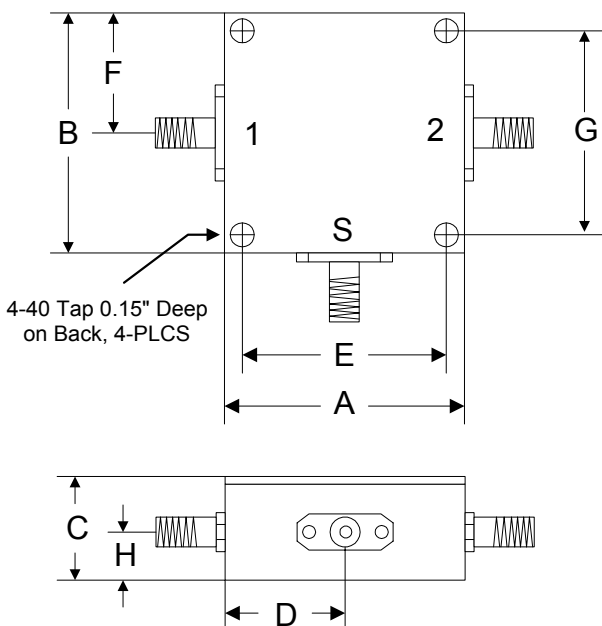
**2 WAY-0°**

**1-650MHz POWER  
SPLITTER/COMBINER**

### 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