

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.

Picture



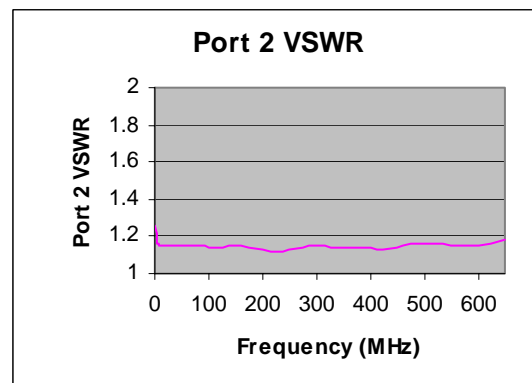
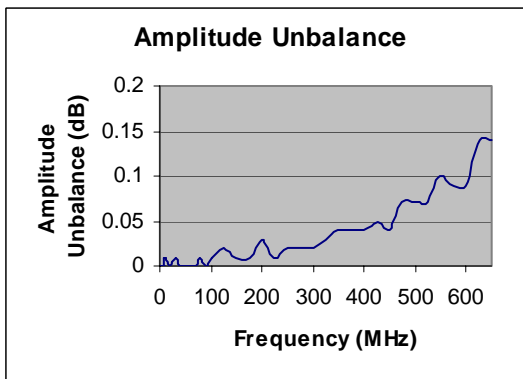
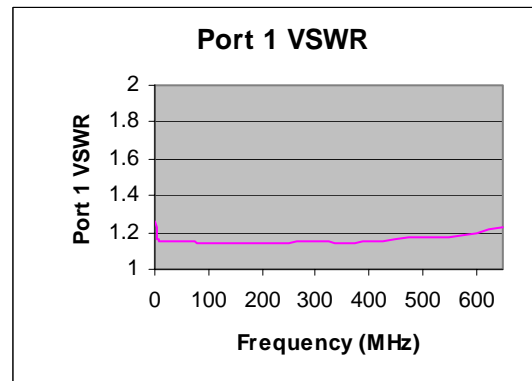
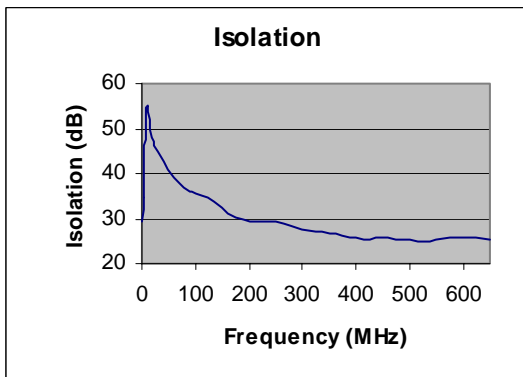
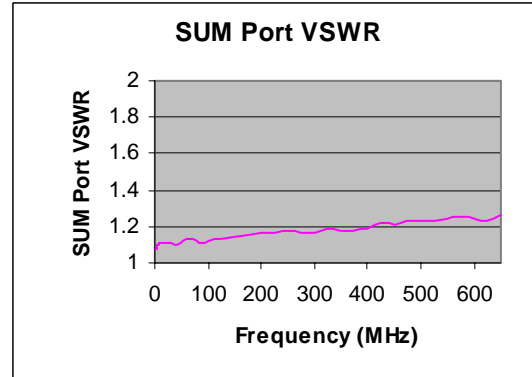
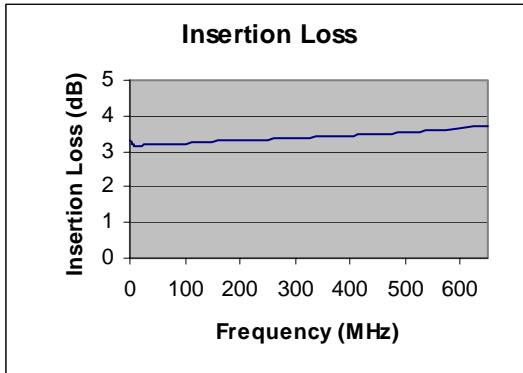
Electrical Specifications @ +25 °C, $Z_s = Z_L = 50 \text{ Ohm}$

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		0.2	0.3
VSWR(All Ports)	1-650MHz		1.3:1	1.5:1
RF Input Power	dBm			+30

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Typical Performance @ +25 °C



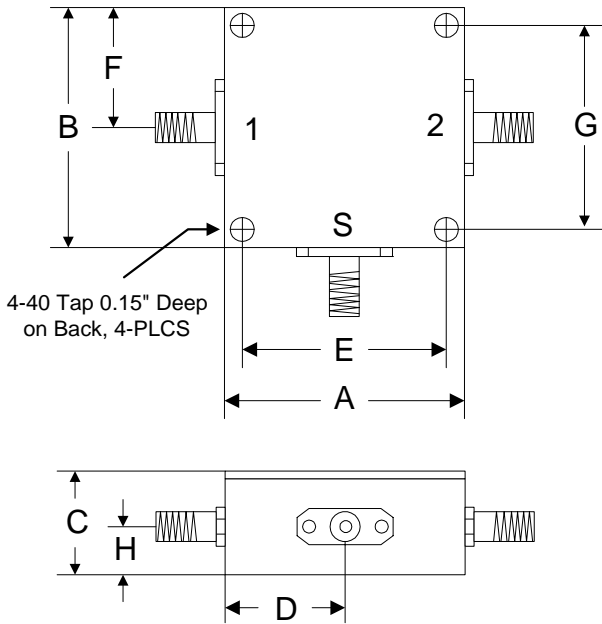
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Absolute Maximum Ratings

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
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