

2 WAY-0°

5-1000MHz POWER SPLITTER/COMBINER

Features

- 5 – 1000MHz
- 2 Way-0°
- 50 Ohm Input/Output
- Excellent Amplitude Balance
- Matching Power Rating: 1 Watt
- SMA Connector

Description

PSC-2-10 is a 2 Way-0° wide band power splitter/combiner operates with frequency range of 5MHz to 1000MHz.

Picture



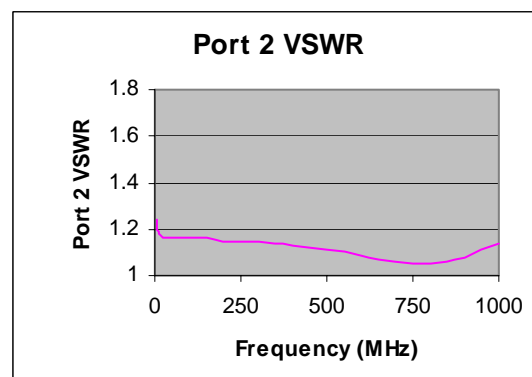
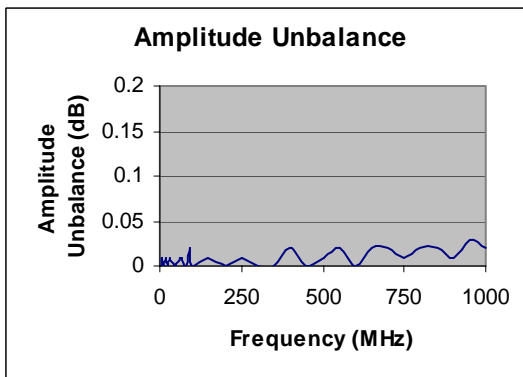
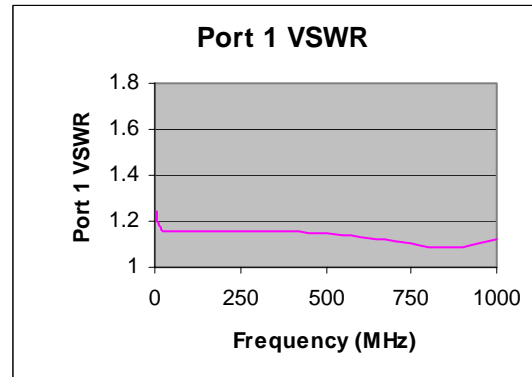
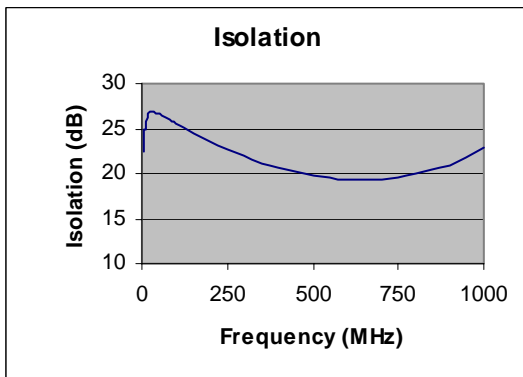
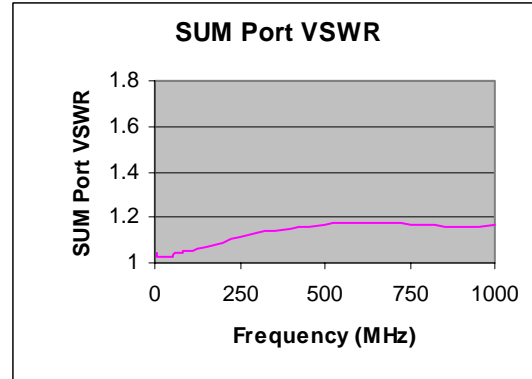
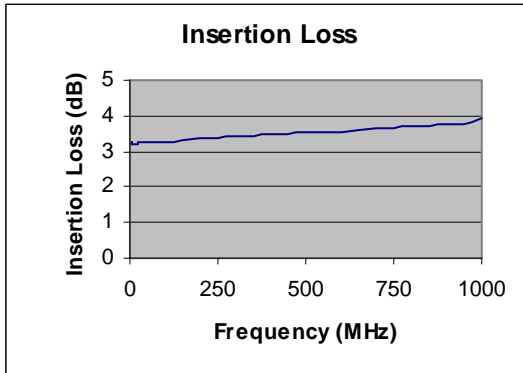
Electrical Specifications @ +25 °C, $Z_S = Z_L = 50 \text{ Ohm}$

Parameter	Unit	Minimum	Typical	Maximum
Frequency Range	MHz	5		1000
Isolation	5MHz-50MHz	dB	15	25
	50MHz-500MHz	dB	15	23
	500MHz-1000MHz	dB	15	20
Insertion Loss Above 3dB	5MHz-50MHz	dB	0.3	0.9
	50MHz-500MHz	dB	0.4	0.9
	500MHz-1000MHz	dB	0.6	1.2
Phase Unbalance	5-1000MHz	°	2	3
Amplitude Unbalance	5-1000MHz	dB	0.1	0.3
VSWR(All Ports)	5-1000MHz		1.2:1	1.5:1
RF Input Power	dBm			+30

2 WAY-0°

5-1000MHz POWER SPLITTER/COMBINER

Typical Performance @ +25 °C



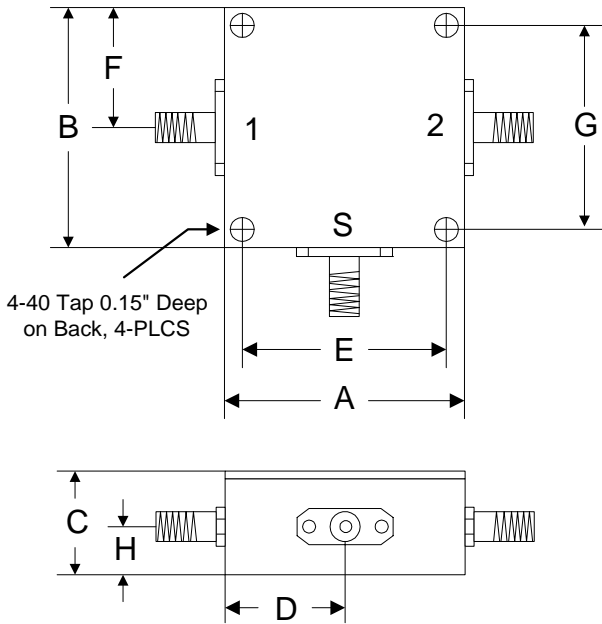
2 WAY-0°

5-1000MHz 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
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