

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



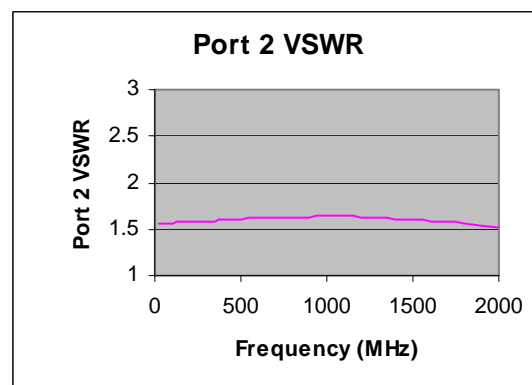
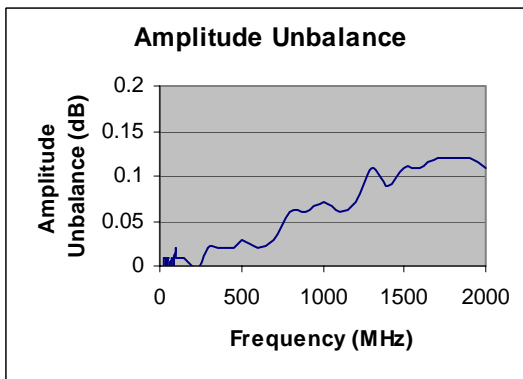
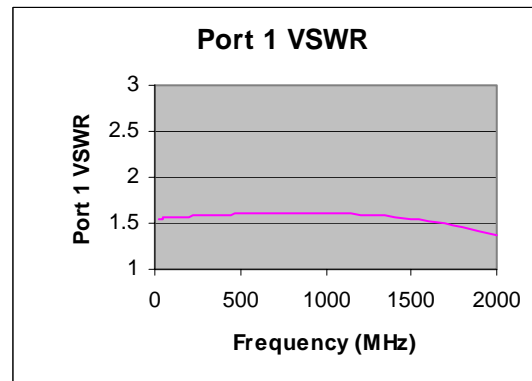
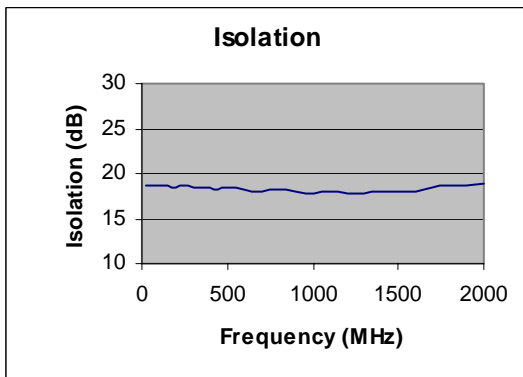
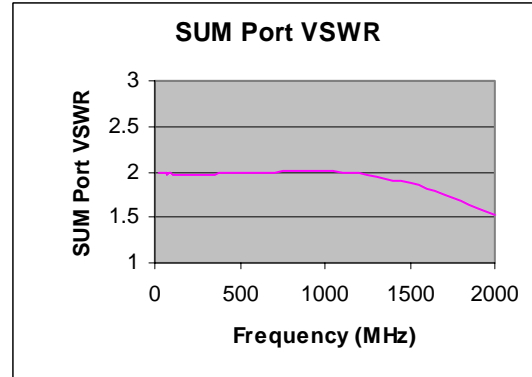
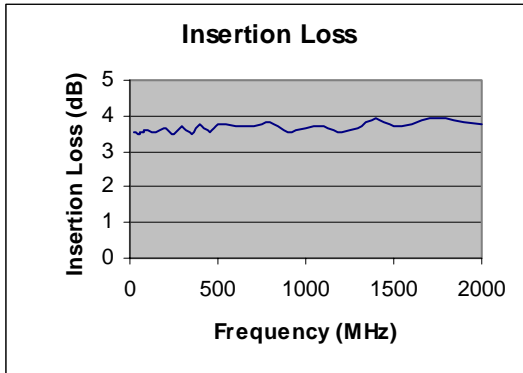
Electrical Specifications @ +25 °C, $Z_S = Z_L = 50 \text{ Ohm}$

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



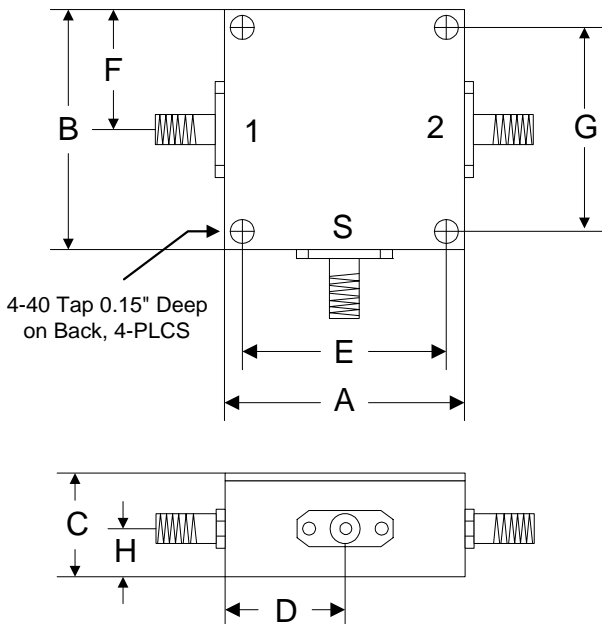
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Absolute Maximum Ratings

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
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