

2 WAY-0° RESISTIVE

DC-7000MHz POWER SPLITTER/COMBINER

Features

- DC – 7000MHz
- Resistive 2 Way-0°
- 50 Ohm Input/Output
- 7-dB Port Isolation
- Matching Power Rating: 1 Watt
- SMA Connector

Picture



Description

PSC-2R-70 is a resistive 2 Way-0° power splitter/combiner operates with frequency range of DC to 7000MHz. Usable to 10GHz.

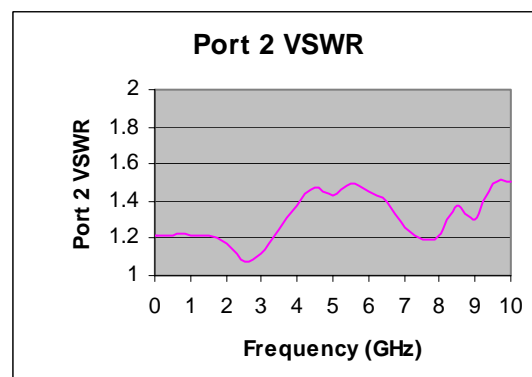
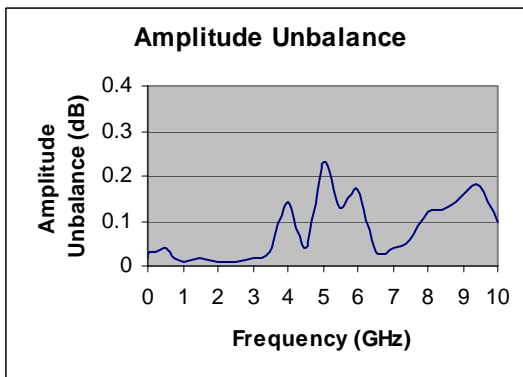
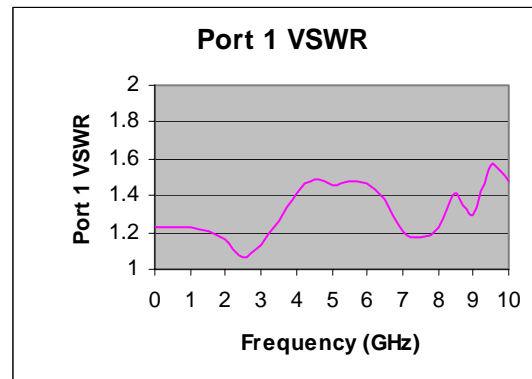
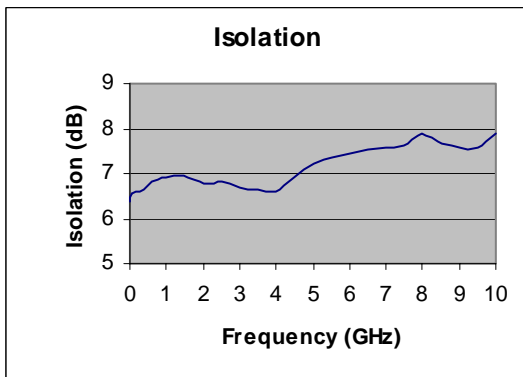
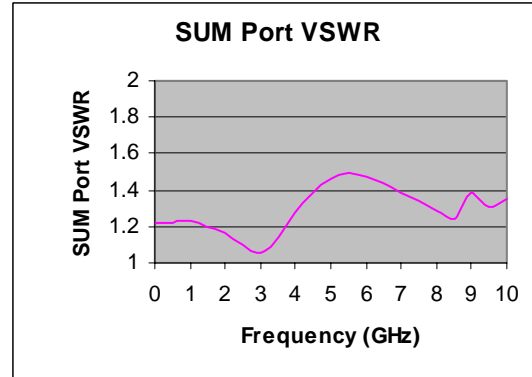
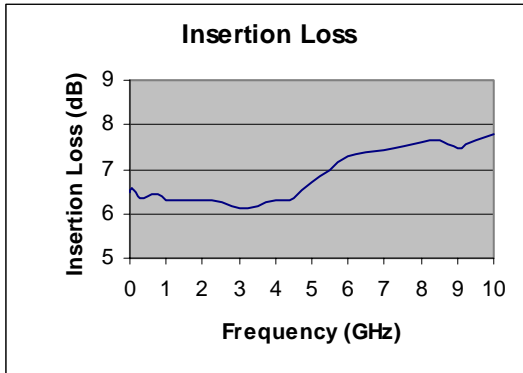
Electrical Specifications @ +25 °C

Parameter	Unit	Minimum	Typical	Maximum
Frequency Range	MHz	DC		7000
Isolation	DC-1000 MHz		6.5	
	1000-5000MHz		7.0	
	5000-7000MHz		7.5	
Insertion Loss	DC-1000MHz		6.4	7.0
	1000-5000MHz		6.9	7.3
	5000-7000MHz		7.4	7.8
Phase Unbalance	DC-5000MHz		3	
	5000-7000MHz		5	
Amplitude Unbalance	DC-5000MHz		0.3	
	5000-7000MHz		0.5	
VSWR All Ports DC – 7000MHz			1:1.5	
Maximum Input Power, CW	dBm		+30	

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Typical Performance @ +25 °C



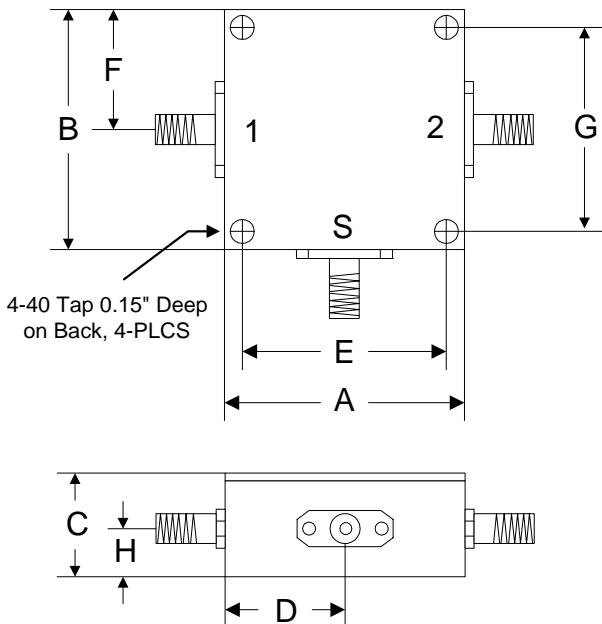
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Absolute Maximum Ratings

Parameter	Absolute Maximum
RF Power	+30dBm
Operating Temperature	-40 °C to +85 °C
Storage Temperature	-55 °C to +100 °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