



BPF-2600C

www.Shireeninc.com

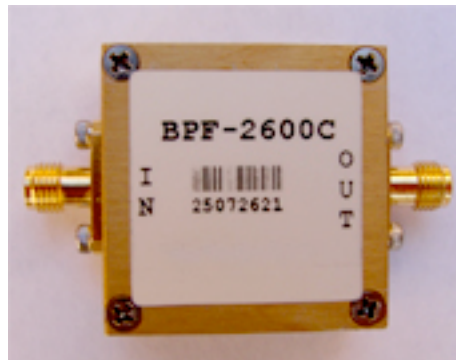
BPF Series

2500-2700MHz Band Pass Filter

Features

- Center Frequency: 2600MHz
- Pass Band: 2500 – 2700MHz
- Insertion Loss: 1.8dB
- Input/Output Impedance: 50 Ω
- Maximum Input Power: 2W
- 4-Pole Ceramic Technology
- SMA Connector

Picture



Description

BPF-2600C is a 4-pole ceramic 2500-2700MHz Band Pass Filter for 2.6GHz Band application.

Electrical Specifications @ +25 °C, $Z_S = Z_L = 50 \Omega$

Parameter	Unit	Minimum	Typical	Maximum
Frequency Range	MHz	2500		2700
Center Frequency	MHz		2600	
Insertion Loss	dB		1.8	
Rejection at 2300MHz	dB		53	
Rejection at 3000MHz	dB		53	
Maximum Input Power	W		2.0	
Input/output impedance	Ω		50	
Group Delay	ns		4	
Group Delay Ripple	ns		± 2	
VSWR Input VSWR Output VSWR			2.3:1 2.3:1	
Size (excluding SMA connectors)	inch	1.25" x 1.25" x 0.56"		
Weight	Oz	1.5		

Note: Input and output are interchangeable



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Typical Performance @ +25 °C



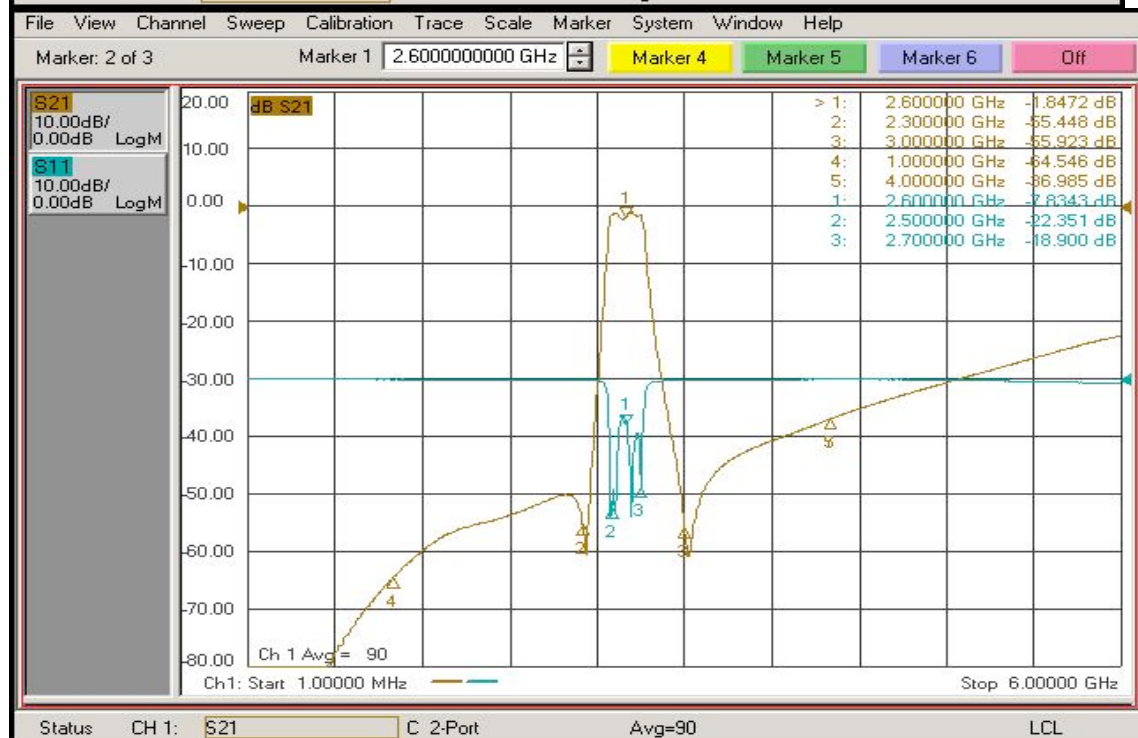


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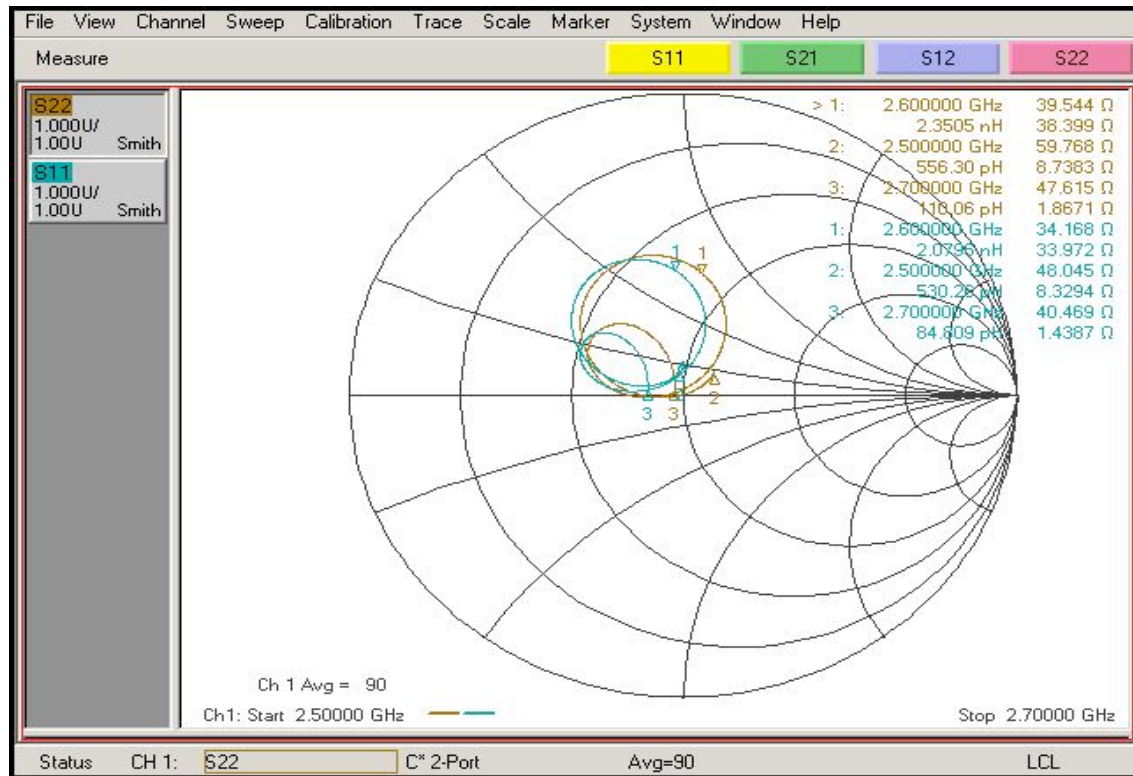


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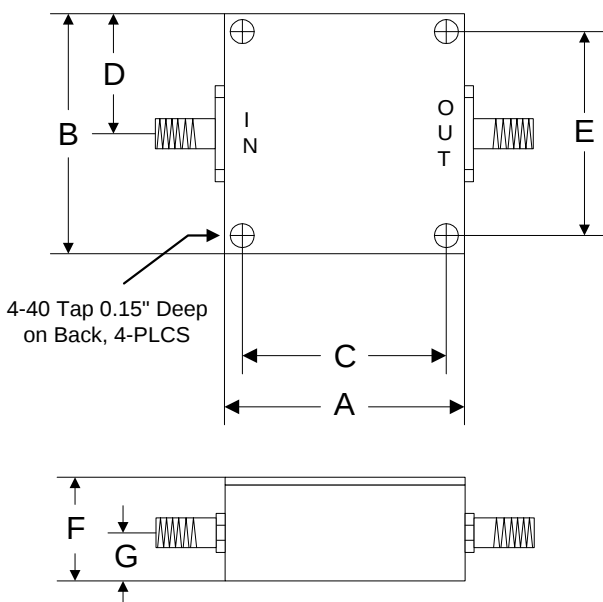
2500-2700MHz Band Pass Filter



Absolute Maximum Ratings

Parameter	Absolute Maximum
RF Input Power	+33dBm
Operating Temperature	-40 °C to +85 °C
Storage Temperature	-65 °C to +150 °C

Outline



	A	B	C	D	E	F	G
Inch	1.250	1.250	1.000	0.625	1.000	0.563	0.250
mm	31.75	31.75	25.40	15.88	25.40	14.29	6.35