

BPF Series

260-310MHz Band Pass Filter

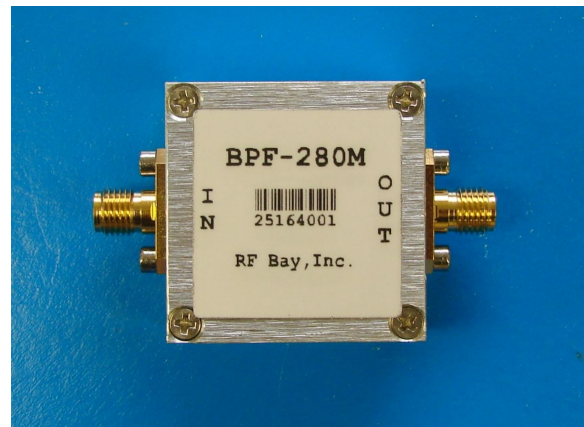
Features

- Center Frequency: 280MHz
- Pass Band: 260 – 310MHz
- Insertion Loss: 2.6dB
- Input/Output Impedance: 50Ω
- Maximum Input Power: 0.5W
- Linear Phase
- SMA Connector

Description

BPF-280M is a 260 - 310MHz Band Pass Filter for 280MHz application.

Picture



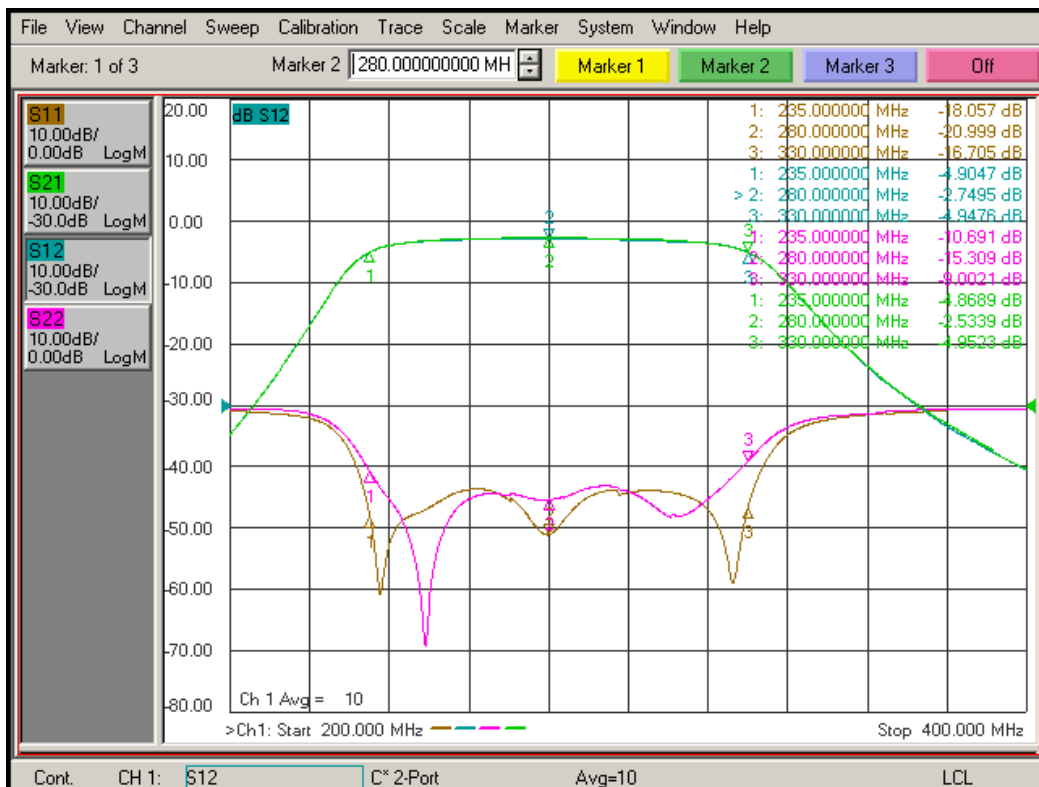
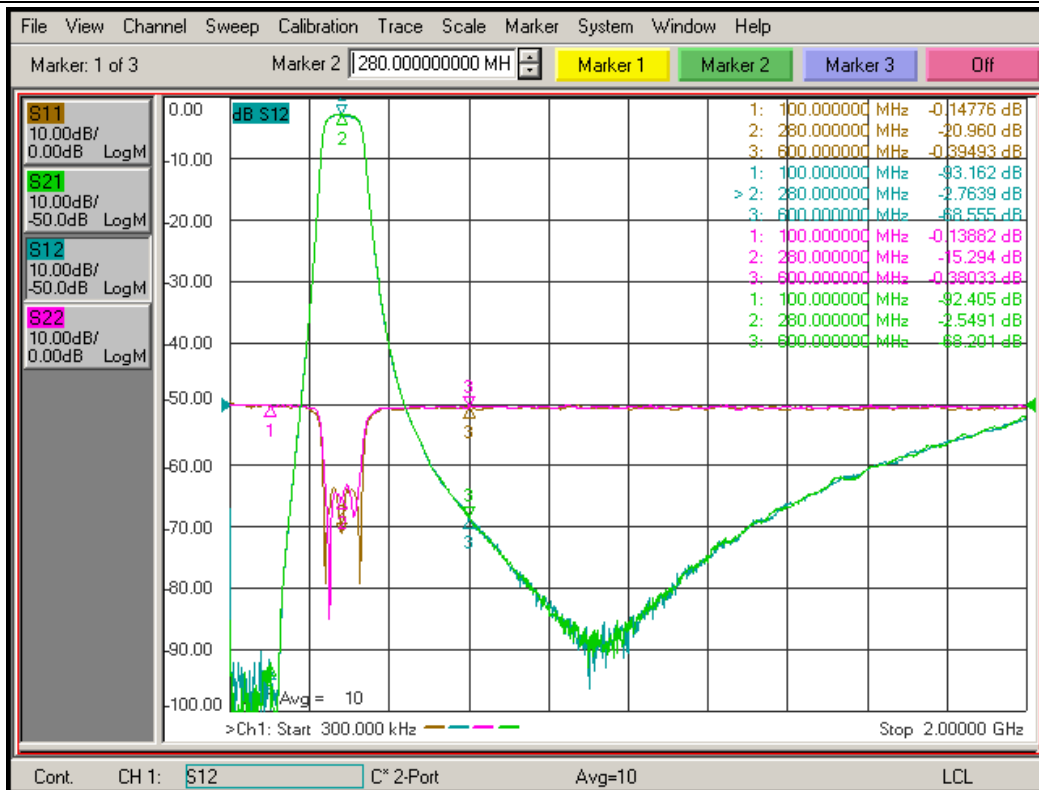
Electrical Specifications @ +25 °C, $Z_S = Z_L = 50 \Omega$

Parameter	Unit	Minimum	Typical	Maximum
Frequency Range	MHz	260		310
Center Frequency	MHz		280	
Insertion Loss	dB		2.6	4.0
Rejection at 185MHz	dB		45	
Rejection at 420MHz	dB		45	
Maximum Input Power	W			0.5
Input/output impedance	Ω		50	
Group Delay	ns		12	
Group Delay Ripple	ns		± 4	
VSWR				
Input VSWR			1.6:1	2.4:1
Output VSWR			1.6:1	2.4:1
Size (excluding SMA connectors)	inch	1.25" x 1.25" x 0.56"		
Weight	Oz	1.5		

Note: Input and output are interchangeable

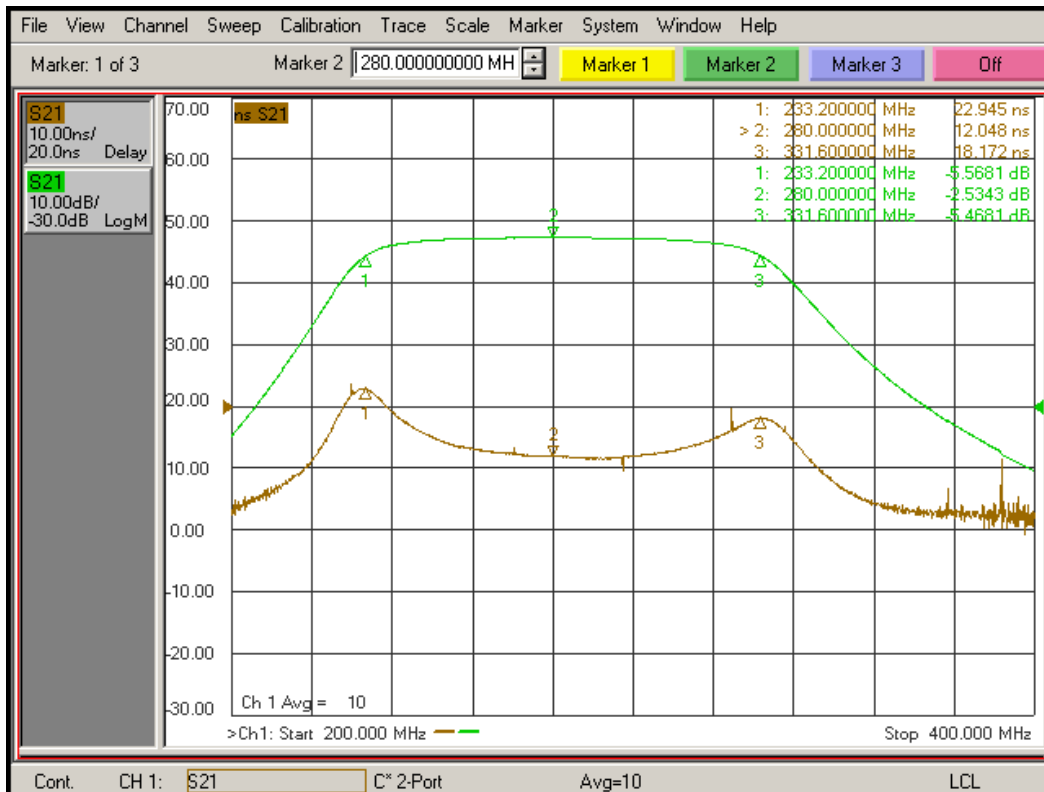
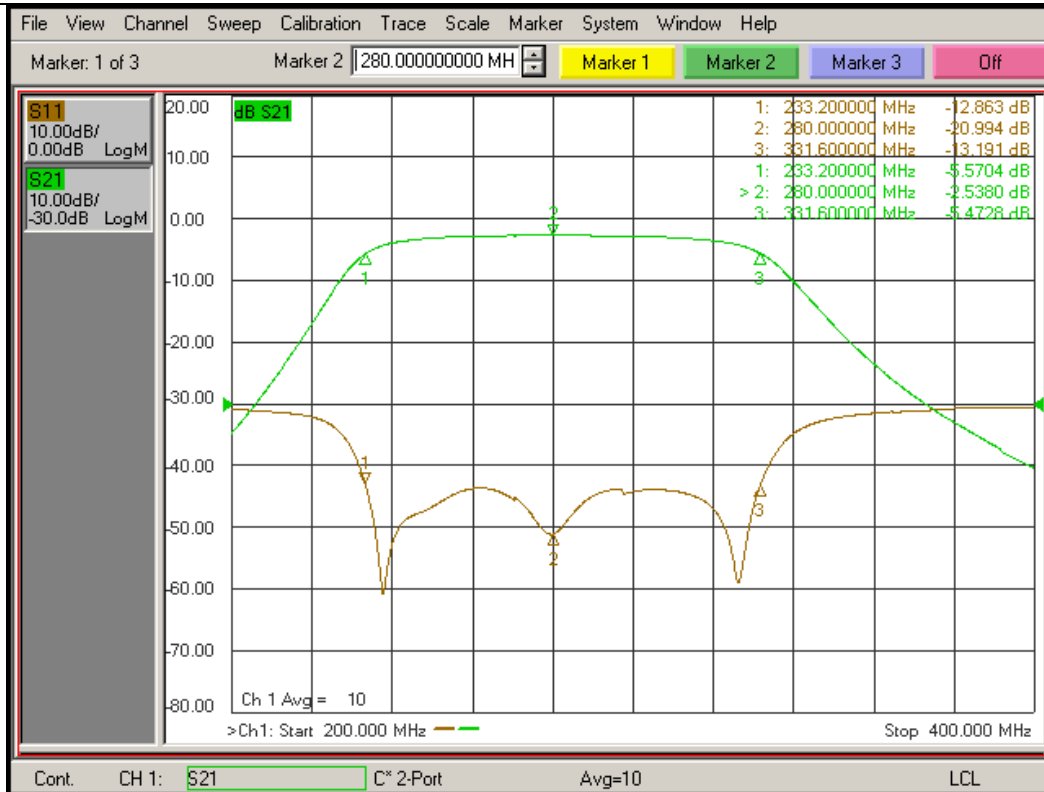
BPF Series

260-310MHz Band Pass Filter



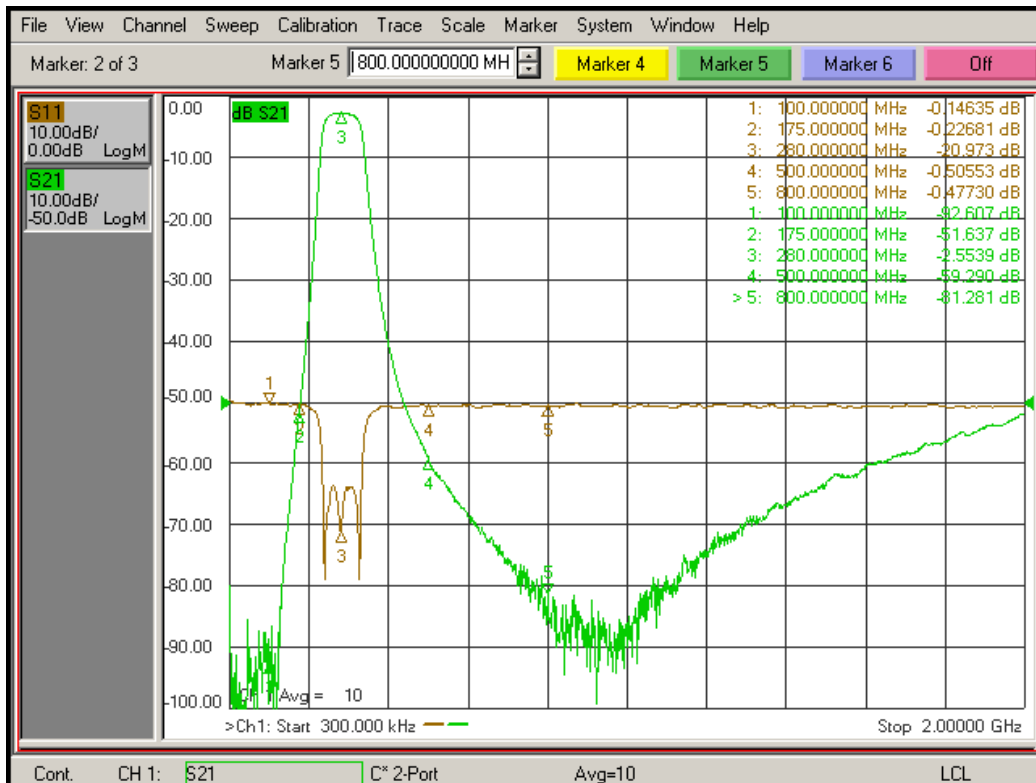
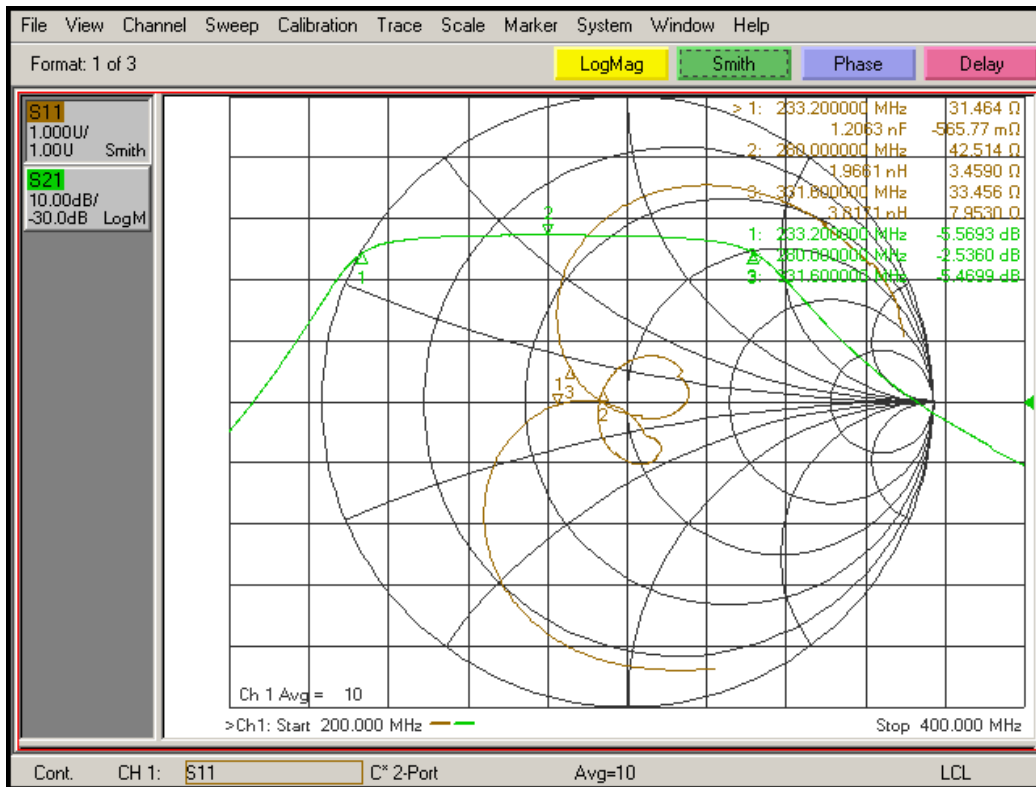
BPF Series

260-310MHz Band Pass Filter



BPF Series

260-310MHz Band Pass Filter



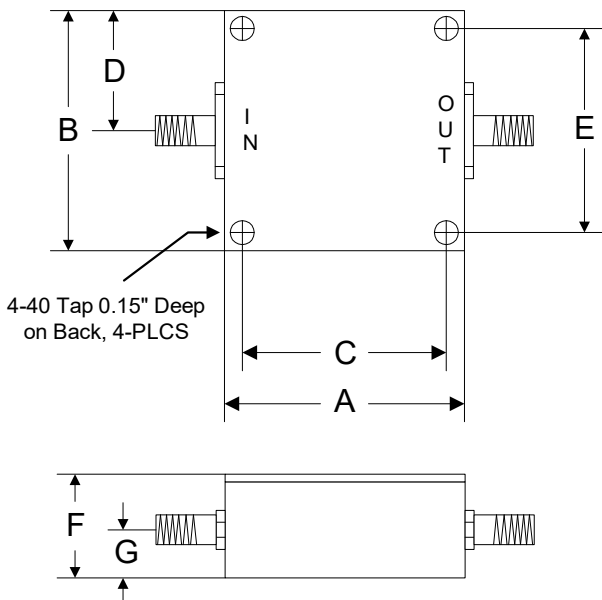
BPF Series

260-310MHz Band Pass Filter

Absolute Maximum Ratings

Parameter	Absolute Maximum
RF Input Power	+27dBm
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