

&\$) (%7!6UbX'±bHYfZYfybW': JHYf' , &\$!(&\$ \$A <n



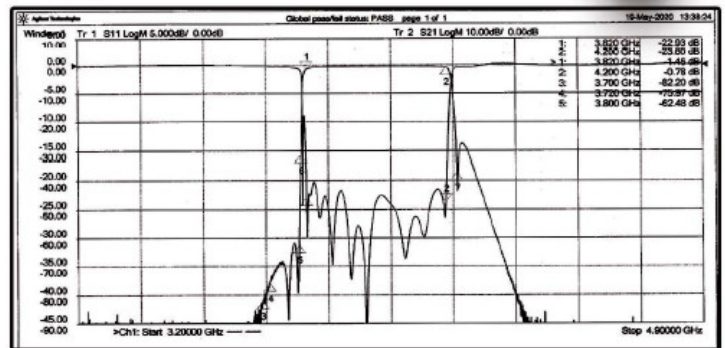
Microwave Filter Company, Inc.

Ideal for eliminating interference from 5G and virtually any other potential source of out-of-band interference.

The model 20541 combines innovative design techniques with the solid performance of its renowned predecessors.

Specifications

- PASSBAND: 3820-4200 MHz
- INSERTION LOSS:
 - FROM 3820-3825 MHz: 1.4 dB MAX, ±0.2 dB
 - FROM 3825-4200 MHz: 1.2 dB MAX, ±0.2 dB
- RETURN LOSS: 20 dB MIN
- GROUP DELAY VARIATION: 1.45 nSEC TYP
±0.5 MHz FROM ANY FREQUENCY WITHIN PASSBAND
- REJECTION:
 - 70 dB MIN FROM 3700 TO 3720 MHz
 - 60 dB MIN FROM 3720 TO 3800 MHz
 - 30 dB MIN FROM 3800 TO 3805 MHz
 - 25 dB MIN @ 4230 MHz
- FLANGES: CPR229G (INPUT)
CPR229F (OUTPUT)



Channel Settings									
Channel	Sweep Type	Points	Start (GHz)	Stop (GHz)	IF BW (kHz)	Sweep Time (s)	Pow 1 (dBm)	Pow 2 (dBm)	
1	LinFreq	3201	3.200000	4.900000	35.000000	0.099030	9.900000	9.000000	

Trace Attributes									
Window	ID	Trace	Channel	Connection	Options	Marker	Position	Response	
1	1	S11	1	C 2-Port		1	3820 MHz	-22.933 dB	
						2	4200 MHz	-23.808 dB	
2	2	S21	1	C 2-Port		1	3820 MHz	-1.4594 dB	
						2	4200 MHz	-0.77623 dB	
						3	3700 MHz	-81.505 dB	
						4	3720 MHz	-75.967 dB	
						5	3800 MHz	-62.446 dB	
						6	3805 MHz	-31.309 dB	
						7	4230 MHz	-37.183 dB	

