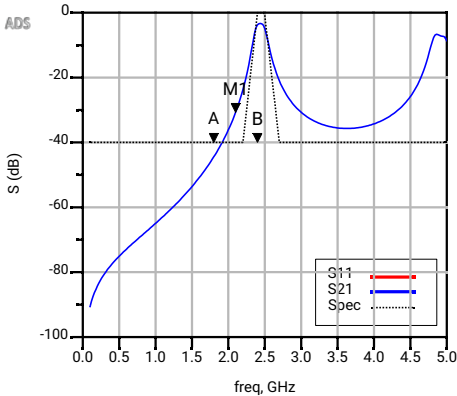


N=3

Coupled-Line Filter  
Display Assistant  
Passive Circuit DesignGuide

Need Help? Please see the Passive Circuit DesignGuide User Manual for complete instructions on using this Display Assistant. The Display Assistant Chapter provides general-use instructions, and specifics for this Display Assistant are found in the component documentation.

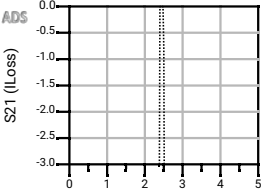
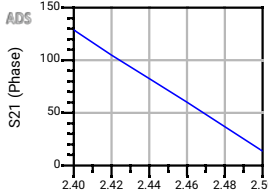
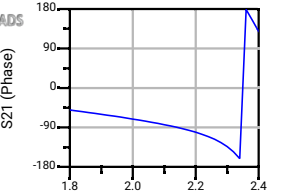
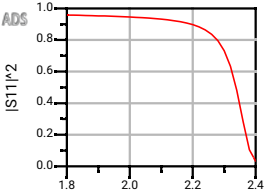
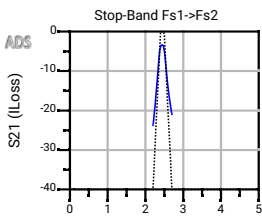
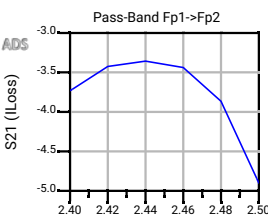
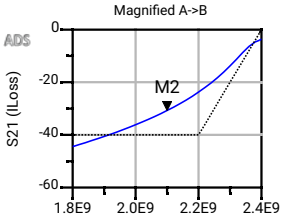
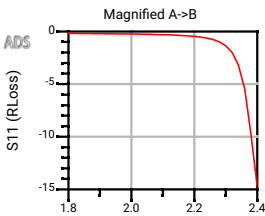
ADS



		Fs1	Fp1	Fp2	Fs2	As	Ap	
Input Parameters		2.200	2.400	2.496	2.700	40.000	0.300	
		CF-Des		CF-Actual	Dev-PB	MA-LSB	MA-USB	
Performance		2.448	2.450	1.543	-23.740		-3.356	
		F		S11 (dB)		S11 ^2		S21 (dB)
Marker M1		2.10		-0.30		0.93		-30.73
Marker M2		2.10		-0.30		0.93		-30.73

CF: Center Frequency (Desired or Actual)  
Dev-PB: Deviation in Pass-Band  
MA: Minimum Atten. Lower/Upper Stop-Band  
F: Frequency  
1/2: Input/Output Ports  
Spec: Frequency Specification

Fs1: Lower Stop-Band Edge  
Fp1: Lower Pass-Band Edge  
Fp2: Upper Pass-Band Edge  
Fs2: Upper Stop-Band Edge  
As: Atten at Stop-Band Edge  
Ap: Atten PB Edge or Ripple

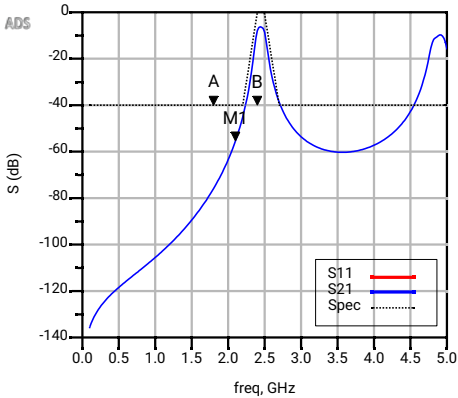


N=4

Coupled-Line Filter  
Display Assistant  
Passive Circuit DesignGuide

Need Help? Please see the Passive Circuit DesignGuide User Manual for complete instructions on using this Display Assistant. The Display Assistant Chapter provides general-use instructions, and specifics for this Display Assistant are found in the component documentation.

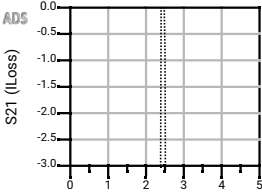
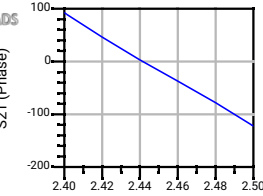
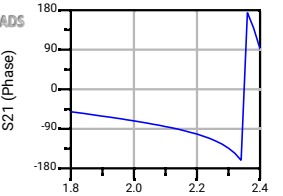
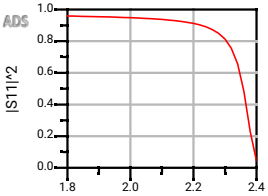
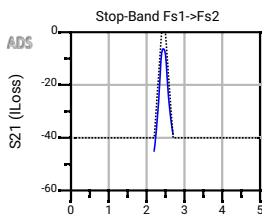
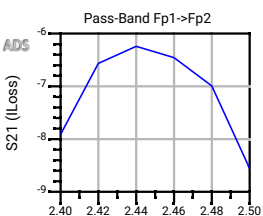
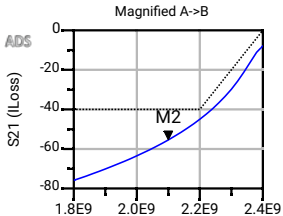
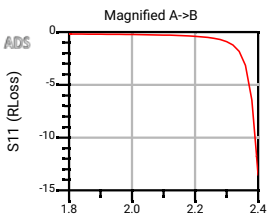
6666



Input Parameters	Fs1	Fp1	Fp2	Fs2	As	Ap
	2.200	2.400	2.496	2.700	40.000	0.300
Performance	CF-Des	CF-Actual	Dev-PB	MA-LSB	MA-USB	
	2.448	2.450	2.319	-44.999	-6.242	
Marker M1	F	S11 (dB)	S11 ^2	S21 (dB)		
	2.10	-0.28	0.94	-55.42		
Marker M2	F	S11 (dB)	S11 ^2	S21 (dB)		
	2.10	-0.28	0.94	-55.42		

CF: Center Frequency (Desired or Actual)  
Dev-PB: Deviation in Pass-Band  
MA: Minimum Atten. Lower/Upper Stop-Band  
F: Frequency  
1/2: Input/Output Ports  
Spec: Frequency Specification

Fs1: Lower Stop-Band Edge  
Fp1: Lower Pass-Band Edge  
Fp2: Upper Pass-Band Edge  
Fs2: Upper Stop-Band Edge  
As: Atten at Stop-Band Edge  
Ap: Atten PB Edge or Ripple

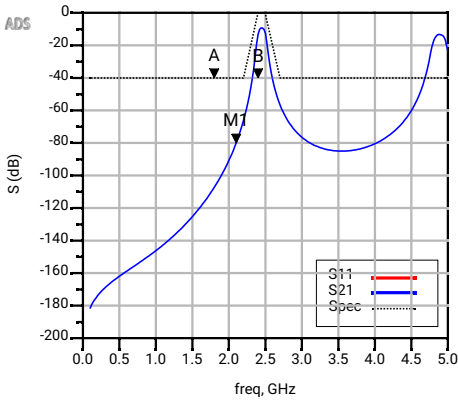


N=5

Coupled-Line Filter  
Display Assistant  
Passive Circuit DesignGuide

Need Help? Please see the Passive Circuit DesignGuide User Manual for complete instructions on using this Display Assistant. The Display Assistant Chapter provides general-use instructions, and specifics for this Display Assistant are found in the component documentation.

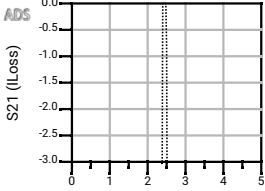
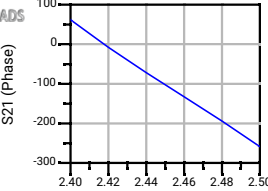
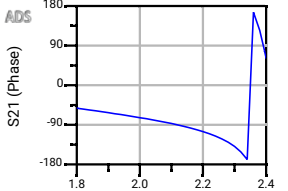
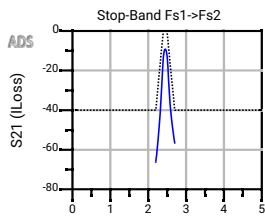
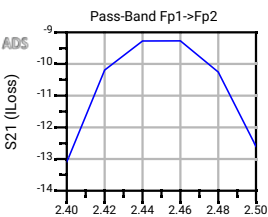
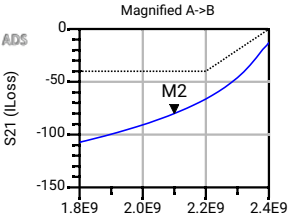
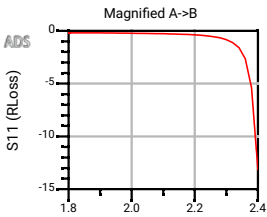
9  
8  
7  
6  
5  
4  
3  
2  
1



Input Parameters	Fs1	Fp1	Fp2	Fs2	As	Ap
	2.200	2.400	2.496	2.700	40.000	0.300
Performance	CF-Des		CF-Actual	Dev-PB	MA-LSB	MA-USB
	2.448		2.450	3.833	-66.225	-9.267
Marker M1	F		S11 (dB)		S11 ^2	
	2.10		-0.27		0.94	
Marker M2	F		S11 (dB)		S11 ^2	
	2.10		-0.27		0.94	

CF: Center Frequency (Desired or Actual)  
Dev-PB: Deviation in Pass-Band  
MA: Minimum Atten. Lower/Upper Stop-Band  
F: Frequency  
1/2: Input/Output Ports  
Spec: Frequency Specification

Fs1: Lower Stop-Band Edge  
Fp1: Lower Pass-Band Edge  
Fp2: Upper Pass-Band Edge  
Fs2: Upper Stop-Band Edge  
As: Atten at Stop-Band Edge  
Ap: Atten PB Edge or Ripple

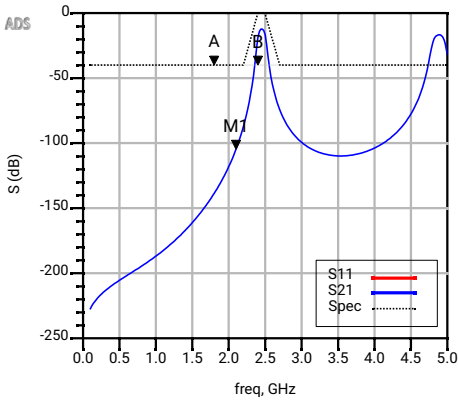


N=6

Coupled-Line Filter  
Display Assistant  
Passive Circuit DesignGuide

Need Help? Please see the Passive Circuit DesignGuide User Manual for complete instructions on using this Display Assistant. The Display Assistant Chapter provides general-use instructions, and specifics for this Display Assistant are found in the component documentation.

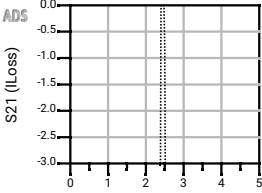
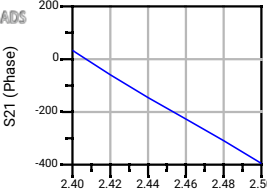
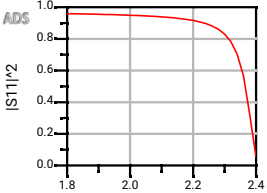
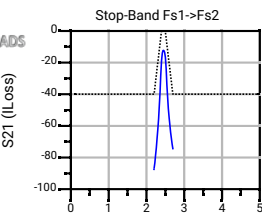
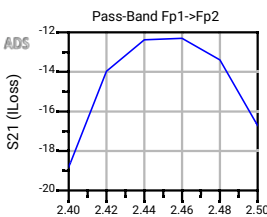
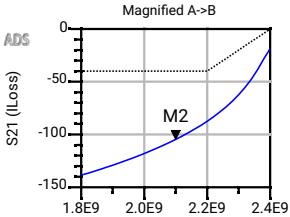
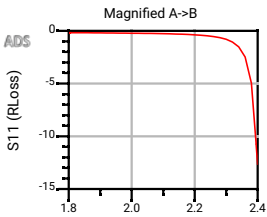
5000



Input Parameters	Fs1	Fp1	Fp2	Fs2	As	Ap
	2.200	2.400	2.496	2.700	40.000	0.300
Performance	CF-Des	CF-Actual	Dev-PB	MA-LSB	MA-USB	
	2.448	2.450	6.515	-87.457	-12.308	
Marker M1	F	S11 (dB)	S11 ^2	S21 (dB)		
	2.10	-0.27	0.94	-104.69		
Marker M2	F	S11 (dB)	S11 ^2	S21 (dB)		
	2.10	-0.27	0.94	-104.69		

CF: Center Frequency (Desired or Actual)  
Dev-PB: Deviation in Pass-Band  
MA: Minimum Atten. Lower/Upper Stop-Band  
F: Frequency  
1/2: Input/Output Ports  
Spec: Frequency Specification

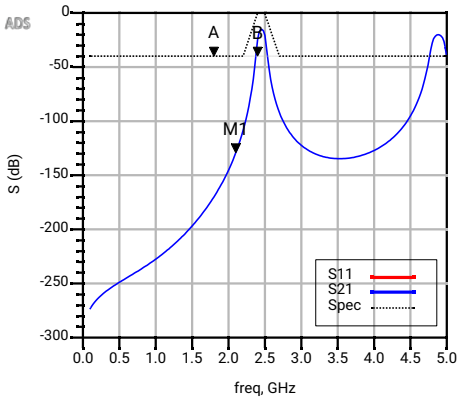
Fs1: Lower Stop-Band Edge  
Fp1: Lower Pass-Band Edge  
Fp2: Upper Pass-Band Edge  
Fs2: Upper Stop-Band Edge  
As: Atten at Stop-Band Edge  
Ap: Atten PB Edge or Ripple



N=7

Coupled-Line Filter  
Display Assistant  
Passive Circuit DesignGuide

Need Help? Please see the Passive Circuit DesignGuide User Manual for complete instructions on using this Display Assistant. The Display Assistant Chapter provides general-use instructions, and specifics for this Display Assistant are found in the component documentation.



Input Parameters	Fs1	Fp1	Fp2	Fs2	As	Ap
	2.200	2.400	2.496	2.700	40.000	0.300
Performance	CF-Des	CF-Actual	Dev-PB	MA-LSB	MA-USB	
	2.448	2.450	9.474	-108.654	-15.283	
Marker M1	F	S11 (dB)		S11 ^2		S21 (dB)
	2.10	-0.27		0.94		-129.29
Marker M2	F	S11 (dB)		S11 ^2		S21 (dB)
	2.10	-0.27		0.94		-129.29

CF: Center Frequency (Desired or Actual)  
Dev-PB: Deviation in Pass-Band  
MA: Minimum Atten. Lower/Upper Stop-Band  
F: Frequency  
1/2: Input/Output Ports  
Spec: Frequency Specification

Fs1: Lower Stop-Band Edge  
Fp1: Lower Pass-Band Edge  
Fp2: Upper Pass-Band Edge  
Fs2: Upper Stop-Band Edge  
As: Atten at Stop-Band Edge  
Ap: Atten PB Edge or Ripple

