

Low Loss/High Rejection SAW Filters

- ✓ Loss less than 1 dB
- ✓ Fractional Bandwidths from 0.04% to 60%
- ✓ Shape factors below 1.10:1
- ✓ 100% Pre-Aging and 100% Wafer Probe Testing
- ✓ Backside Planar Etching for Improved Spurious Rejection
- ✓ Ultra-Flat Group Delay



Spectrum Part Number	Center Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB)
SF1575BA02634S	1575	35	1.7
SF1575BA02532S	1575	35	2.7
SF1575BA02627S	1575	43	1.2
SF1575BA02534S	1575	50	1.5
SF1575BA02506S	1575	55	1.5
SF1575BA02505S	1575	2.4	1.3
SF1575DL03104S	1575	20	19.3
SF1500BA03201S	1500	6	3.9
SF1227BA02649S	1227	20	1.3
SF1227BA02651S	1227	20	0.8
SF1227BA02677S	1227	40	1.3
SF1220BA02539S	1220	3.4	3.4
SF1220BA02521S	1220	8	4.6
SF1216BA02526S	1216	8	3.8
SF0948BA03155S	948	8	3.1
SF0948BA02589S	948	25	2.4
SF0948BA02516S	948	25	2.8
SF0943BA02541S	943	35	2.8
SF0943BA02515S	943	35	3.8
SF0915BA03171S	915	21.8	2.8
SF0915BA02531S	915	26	2.2
SF0915BA02502S	915	26	2.8
SF0915BA02501S	915	37	2.8
SF0915BA02620S	915	16	2.8
SF0903BA02593S	903	25	2.9
SF0898BA02546S	898	40	2.1
SF0881DL02211S	882	25	21.2
SF0881BA02514S	882	33	3.0

Spectrum Part Number	Center Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB)
SF0869BA02618S	869	2	3
SF0869BA02503S	869	2	3.0
SF0869BA02656S	869	6	5.9
SF0869BA02588S	869	11	2.8
SF0869BA02504S	869	12	3.0
SF0869BA02630S	869	12.5	2.6
SF0868BA02655S	868	1.6	3.4
SF0868BA02512S	868	12	3.8
SF0866BA02621S	866	19	2.7
SF0864BA02510S	864	3	2.8
SF0864BA02511S	864	3	4.0
SF0850DL01825T	850	80	24
SF0836BA02527S	837	25	2.1
SF0836BA02513S	837	35	2.5
SF0755BA03158S	755	26	4.1
SF0730BA03164S	730	26	4.0
SF0704BA03163S	704	26	4.0
SD0696BA03217S	696	1.4	6.9
SF0678BA03157S	678	26	4.0
SF0653BA03162S	653	26	4.2
SF0627BA03161S	627	26	4.2
SF0601BA03160S	601	26	4.2
SF0600BA03183S	600	80	22.0
SF0576BA03159S	576	26	4.1
SF0570BA03233S	570	17	18.7
SF0550BA03156S	550	26	4.3
SF0550BA01964S	550	1	8.6
SF0546BA03234S	546	70	23.8

Spectrum Part Number	Center Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB)
SF0500BA03232S	500	1	11.0
SF0480BA02643S	480	12	15.3
SF0480CF01977S	480	70	24.0
SF0465BA02509S	465	6	3.5
SF0464BA02647S	464	5.68	15.5
SF0456BA02445S	456	3.7	9.0
SF0455BA03134S	455	30	2.2
SF0434BA02617S	434	2	2
SF0434BA02587S	434	7	1.9
SF0433BA02629S	433	20	1.4
SF0300BA01973S	300	3.2	15.0
SF0280BA01984S	280	17	8.6
SF0266CN02358S	267	0.27	6.2
SF0258BA02488S	258	35	21.4
SF0256BA03148S	256	80	20.8
SF0250BA02425S	250	80	19.4
SF0250BA03189S	250	5	8.6
SF0250BA03223S	250	10	10.8
SF0246BA02631S	246	0.2	5.4
SF0244CN03098S	244	0.3	3.8
SF0242BA03188S	242	1.55	17.5
SF0240CD21956S	240	1.1	14.0
SF0240CD03109S	240	1.23	12.7
SF0240BA03142S	240	1.55	17.2
SF0240BA03143S	240	4.8	15.5
SF0240BA03144S	240	5.7	17.1
SF0240BA03145S	240	6.7	17.9
SF0240BA03146S	240	7.6	18.6
SF0240BA01987S	240	14	7.7
SF0239CD03100S	239	10	11.5
SF0199CD02382S	199	0.2	7.0
SF0190CD01937S	190	4	11.0
SF0190BA03154S	190	8	12.9
SF0185BA02302S	186	4.5	25.0
SF0172CD03076S	173	9	11.0
SF0169BA03169S	169	20	9.2
SF0167CD02292T	167	1.05	18.2
SF0160CD02254T	160	4	23.3
SF0160BA02299S	160	9.5	19.0

Spectrum Part Number	Center Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB)
SF0160BA02329T	160	10	21.3
SF0160BA01961S	160	30	12.2
SF0156BA02421S	156	9.4	20.6
SF0156BA02422S	156	10	20.2
SF0154BA03191S	154	20	8.8
SF0150BA03095S	150	5.7	19.3
SF0147BA02468S	147	8	3.2
SF0141CD11968S	141	1.05	11.8
SF0141CD03092S	141	1.25	11.7
SF0140CF51900T	140	0.25	19.5
SF0140CF51902T	140	0.75	20.7
SF0140CF51904T	140	1.5	23.5
SF0140CF51905T	140	2	22
SF0140BA02457S	140	2.2	12.0
SF0140BA03147S	140	2.6	11.7
SF0140CF51907T	140	3	24.2
SF0140BA03069S	140	4	7.2
SF0140BA02450S	140	4	9.8
SF0140BA03068S	140	4	12.0
SF0140BA02433T	140	4.4	19.9
SF0140BA02359T	140	4.7	22.5
SF0140BA02449S	140	5	12.0
SF0140BA02486S	140	5	20.5
SF0140CF51913T	140	6	24
SF0140CF51915T	140	7	24
SF0140CF51917T	140	8	21.5
SF0140CF51919T	140	9	21.4
SF0140BA03173S	140	9.3	12.5
SF0140BA03175S	140	9.3	12.5
SF0140CD03085T	140	9.37	25.3
SF0140BA03107S	140	10	8.3
SF0140BA03070S	140	10	10.2
SF0140CF51921T	140	10	22
SF0140BA02487S	140	10	22.4
SF0140BA03115S	140	12	7.3
SF0140BA03071S	140	12	10.4
SF0140BA03110S	140	14	8.4
SF0140CF51925T	140	14	21
SF0140BA02434S	140	14.4	19.8

Spectrum Part Number	Center Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB)
SF0140BA02370S	140	14.5	20.0
SF0140BA03114S	140	16	8.3
SF0140BA03072S	140	16	9.6
SF0140CF51927T	140	16	22
SF0140BA03073S	140	18	10.0
SF0140BA02167S	140	19.3	16.0
SF0140BA01992S	140	20	12.7
SF0140BA02360T	140	20	24.2
SF0140BA01990S	140	24	11.5
SF0140CF51933T	140	24	24
SF0140CF51935T	140	28	24.8
SF0140BA03074S	140	32	11.8
SF0140CF51937T	140	32	24
SF0140BA03008T	140	32	24.5
SF0140BA01969T	140	41.5	23.5
SF0140CF51943T	140	44	23.5
SF0140BA03010T	140	64	28.5
SF0140BA02393S	140	72	22.5
SF0137BA02305S	138	1	11.2
SF0130BA03030T	130	9	27
SF0130BA02247T	130	18	26.5
SF0127CN02333S	128	20	19.8
SF0126BA03086S	126	32	11.5
SF0120BA03167S	120	42	14.7
SF0115BA03088S	115	6	18.9
SF0115BA03227S	115	3.84	9.8
SF0115CD02260T	115	1	17.2
SF0115CD01490T	115	1.4	23.5
SF0111BA02639S	111	1.44	8.6
SF0108BA03004S	108	3.84	13.5
SF0108BA03228S	108	20	13.2
SF0096BA02394S	96	4.8	23.5
SF0096BA02438S	96	5	13.5
SF0096BA02458S	96	20	11.3
SF0096BA03001S	96	20	14.0
SF0092CD02326S	93	1.7	18.2
SF0088BA02429S	89	1.25	19.5
SF0088BA02430S	89	2.5	22.0
SF0088BA02432S	89	3.65	23.9

Spectrum Part Number	Center Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB)
SF0088BA01993S	88	30	16.0
SF0083BA03199S	83	4.5	11.3
SF0078BA03002S	78	3.84	12.0
SF0078BA03111S	78	3.84	16.0
SF0078BA03112S	78	9.24	10.1
SF0078BA03113S	78	14.24	15.8
SF0077BA03082S	77	14.24	14.2
SF0077BA02499S	77	20	16.2
SF0077BA03000S	77	20	16.2
SF0077BA03185S	77	40	21.4
SF0077BA03192S	77	40	21.8
SF0074BA03225S	74	4.5	10.8
SF0073BA02447S	73	1	6.5
SF0073BA01983S	73	20	16.0
SF0070CF51541T	70	0.25	16
SF0070CN02353S	70	0.4	11.5
SF0070BA13046S	70	0.5	9.0
SF0070BA03046S	70	0.5	9.3
SF0070CF51542T	70	0.5	20
SF0070CF51543T	70	0.7	18
SF0070CD03096T	70	0.75	18.5
SF0070BA03047S	70	1	7.5
SF0070CF51544T	70	1	21.5
SF0070BA03048S	70	1.5	8.4
SF0070BA13048S	70	1.5	9.2
SF0070BA03049S	70	2	7.9
SF0070CF51546T	70	2	24
SF0070BA03050S	70	2.5	9.7
SF0070BA03027T	70	2.5	17
SF0070CF51547T	70	2.5	23
SF0070BA02391S	70	2.8	20.6
SF0070BA03051S	70	3	6.3
SF0070CF51548T	70	3	25.5
SF0070BA03052S	70	3.5	6.4
SF0070CF51549T	70	3.5	24
SF0070MF03053S	70	4	7.1
SF0070BA03053S	70	4	7.1
SF0070CF51550T	70	4	21.5
SF0070BA03054S	70	4.5	7.2

Spectrum Part Number	Center Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB)
SF0070CF51551T	70	4.5	23
SF0070BA03055S	70	5	7.3
SF0070CF51553T	70	5.5	24
SF0070BA03056S	70	6	8.5
SF0070CF51554T	70	6	23.6
SF0070BA03057S	70	7	9.5
SF0070CF51556T	70	7	20.3
SF0070BA03028S	70	8	10.5
SF0070CF51557T	70	8	22.3
SF0070BA03031S	70	9	11.5
SF0070BA03058S	70	10	10.0
SF0070BA03089S	70	10	11.2
SF0070CF51475T	70	10	25.8
SF0070BA03059S	70	12	11.5
SF0070CF51842T	70	12	23.7
SF0070BA03060S	70	14	13.0
SF0070BA03061S	70	16	13.0
SF0070CF51846T	70	16	24.2
SF0070BA03062S	70	18	13.7
SF0070BA03039S	70	20	14.2
SF0070CF51848T	70	20	25.2
SF0070BA03063S	70	22	15.0
SF0070BA03064S	70	24	15.8
SF0070BA03065S	70	26	17.2
SF0070CF51851T	70	26	22.4
SF0070BA03045S	70	28	18.2
SF0070BA03066S	70	30	18.1
SF0070CF51853T	70	30	22.5
SF0070CF51854T	70	32	23
SF0070BA02371S	70	34	18.5
SF0070CF51855T	70	34	23.1
SF0070BA03042S	70	35	19.5
SF0070BA02489S	70	35	24.2
SF0070CF51856T	70	36	24.1
SF0070BA03067S	70	40	22.0
SF0070CD03108T	70	0.8	17.5
SF0070CD02386S	70	1.26	17.0
SF0070CD21803T	70	1.26	20.2
SF0063CN02271T	63	0.4	13.1
SF0063BA03106S	63	0.55	8.3

Spectrum Part Number	Center Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB)
SF0060CN02289T	60	0.63	26.7
SF0060BA03212T	60	1.26	29.8
SF0060CN02290T	60	4.5	31.9
SD0060CN02270T	60	6	31
SF0060BA03213T	60	6.15	27.9
SF0060BA03214T	60	7.8	30.5
SF0060CN02291T	60	7.8	31.5
SF0048BA02645S	48	3.5	12.5
SF0048BA02455S	48	8	20.8
SF0048BA02644S	48	10	13.5
SF0044BA01954T	44	10	26.5
SF0044BA01800T	44	5	29
SF0044CD02283T	44	1.3	18.2
SF0044BA02640S	44	3.4	14
SF0044BA01979T	44	4.93	27
SF0044BA01470T	44	5.2	28.5
SF0044BA03190S	44	5.4	22.4
SF0044BA21930T	44	6	21.5
SF0044BA01930S	44	6	21.5
SF0044BA01081T	44	6	28.5
SF0044BA02641S	44	6.5	11.5
SF0044BA01931S	44	8	25.0
SF0044BA01860T	44	5.35	28
SF0043BA02523T	44	6	15.0
SF0044BA01382T	44	5.6	22
SF0038BA01943T	38	6	23
SF0036BA01033T	37	5.82	27.5
SF0036BA01866T	37	5.75	29
SF0036BA01967T	37	5.75	27
SF0036BA01867T	37	5.75	30
SF0036BA01072T	36	6.8	29.5
SF0036BA00628T	36	7.96	28
SF0036BA11932S	36	8	22.0
SF0036BA02602S	36	8	20.3
SF0036BA11033T	36	5.75	27.5
SF0036BA01000T	36	6.55	28
SF0036BA02217T	36	7.4	34
SF0036BA00642T	36	7.4	28
SF0035BA01847T	35	6.85	27