

Surface Mount Low Pass Filter

SXLP-EDU0934

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)	FREQUENCY (MHz)	GROUP DELAY (nsec)
1.0	0.04	33.14	1.0	19.10
2.0	0.05	27.28	2.0	19.68
3.0	0.07	23.91	3.0	19.25
4.0	0.09	21.63	4.0	19.12
5.0	0.10	20.01	5.0	19.10
6.0	0.13	18.82	8.0	19.50
8.0	0.16	17.37	9.0	19.92
9.0	0.18	17.01	9.5	19.96
10.0	0.18	16.87	9.7	19.71
20.0	0.23	21.22	9.8	20.14
25.0	0.34	19.11	9.9	19.86
29.0	0.50	20.41	10.0	20.29
30.0	0.58	21.06	12.0	20.97
35.0	12.54	0.94	14.0	22.15
36.0	17.98	0.55	16.0	23.14
37.0	23.52	0.39	18.0	24.84
38.0	29.17	0.30	20.0	26.82
40.0	41.63	0.22	21.0	28.04
41.0	49.43	0.19	22.0	29.34
42.0	61.27	0.17	23.0	30.95
43.0	71.15	0.17	23.5	31.64
44.0	65.55	0.16	24.0	33.08
45.0	66.50	0.15	24.5	34.00
50.0	56.84	0.12	25.0	35.53
60.0	54.57	0.10	25.5	36.90
70.0	64.31	0.13	26.0	37.93
80.0	66.48	0.11	26.5	39.76
90.0	59.77	0.12	27.0	41.37
100.0	57.17	0.13	29.0	51.48
200.0	62.79	0.19	31.0	74.65
300.0	59.39	0.23	32.0	93.34
400.0	53.54	0.26	32.5	100.56
450.0	52.19	0.26	33.0	102.96
500.0	52.25	0.28	33.5	96.74
525.0	54.26	0.28	34.0	85.45
580.0	33.45	0.34	35.0	61.85
600.0	33.02	0.32	35.2	58.16
700.0	54.51	0.35	35.4	53.83
900.0	34.98	0.42	35.5	52.38
1000.0	36.78	0.26	35.6	50.83
1100.0	36.73	0.25	36.0	45.24
1200.0	36.16	0.27	37.0	34.26
1300.0	35.44	0.32	38.0	26.78
1400.0	34.73	0.35	38.5	24.12
1500.0	33.90	0.44	38.7	22.69
1600.0	33.24	0.59	38.9	20.12
1800.0	32.06	0.59	40.0	17.37
2000.0	31.42	0.62	40.5	16.75
2200.0	32.25	0.74	41.0	2.95
2400.0	32.22	0.85	45.0	21.06
2500.0	31.61	1.00	49.0	0.23
2600.0	31.14	1.19	52.0	2.22
2800.0	29.22	1.33	54.0	2.45
3000.0	27.42	1.50	56.0	11.44
3200.0	23.43	2.31	60.0	98.49