

Surface Mount Low Pass Filter

LPF-B0R35+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)			INPUT RETURN LOSS (dB)			OUTPUT RETURN LOSS (dB)		
	@ -40° C	@ +25° C	@ +85° C	@ -40° C	@ +25° C	@ +85° C	@ -40° C	@ +25° C	@ +85° C
0.03	0.22	0.29	0.34	30.08	26.82	25.24	30.12	26.87	25.26
0.10	0.31	0.41	0.47	22.90	19.37	17.89	22.88	19.38	17.88
0.20	0.32	0.41	0.47	22.36	18.76	17.42	22.23	18.73	17.38
0.30	0.27	0.34	0.39	32.31	30.46	30.90	29.54	28.36	28.69
0.35	0.32	0.40	0.47	41.93	39.23	33.20	30.89	30.24	28.74
0.39	0.37	0.47	0.56	34.33	33.35	29.42	29.01	28.44	26.66
0.54	0.93	1.54	2.25	18.85	14.02	10.50	26.82	17.50	12.17
0.57	1.67	3.81	5.63	11.21	5.43	3.82	12.88	5.91	4.17
0.59	3.26	6.94	9.42	5.71	2.67	1.98	6.14	2.89	2.15
0.62	7.79	13.00	16.05	2.01	1.11	0.97	2.14	1.20	1.04
0.66	15.69	21.68	25.13	0.73	0.57	0.59	0.78	0.60	0.61
0.70	23.89	30.36	34.21	0.44	0.41	0.46	0.45	0.42	0.46
0.79	42.72	51.66	57.88	0.29	0.29	0.34	0.28	0.29	0.33
1.00	66.18	63.46	62.24	0.20	0.20	0.25	0.18	0.19	0.24
2.00	61.77	63.79	64.68	0.11	0.14	0.17	0.11	0.14	0.16
3.00	70.65	72.79	73.91	0.10	0.13	0.15	0.09	0.13	0.15
4.00	77.57	79.81	80.79	0.09	0.12	0.14	0.09	0.11	0.14
5.00	83.12	85.31	86.64	0.09	0.11	0.14	0.08	0.11	0.14
6.00	88.00	91.98	91.93	0.09	0.11	0.15	0.09	0.11	0.15
7.00	91.78	96.13	95.57	0.09	0.12	0.15	0.09	0.12	0.14
8.00	94.71	99.74	102.10	0.09	0.12	0.15	0.09	0.12	0.14
9.00	98.64	101.83	100.90	0.09	0.12	0.15	0.09	0.12	0.14
10.00	108.87	111.21	107.39	0.10	0.12	0.14	0.09	0.12	0.14
50.00	99.38	105.92	99.22	0.09	0.10	0.10	0.08	0.09	0.10
100.00	102.20	101.13	103.85	0.11	0.12	0.13	0.09	0.11	0.12
200.00	99.34	95.38	104.30	0.10	0.13	0.15	0.07	0.11	0.13
300.00	94.83	108.13	90.02	0.12	0.17	0.19	0.08	0.13	0.14
400.00	93.63	89.88	90.78	0.33	0.41	0.37	0.21	0.28	0.26
500.00	84.30	83.03	82.09	0.26	0.30	0.34	0.14	0.19	0.22
600.00	77.09	76.05	77.30	0.19	0.27	0.30	0.08	0.16	0.19
700.00	72.64	71.89	72.16	0.21	0.32	0.33	0.10	0.19	0.22
800.00	67.75	67.24	67.20	0.30	0.50	0.47	0.19	0.34	0.35
900.00	63.84	66.06	65.06	0.89	1.16	1.00	0.67	0.89	0.81
1000.00	75.99	71.45	72.26	1.07	0.90	1.08	1.03	0.87	0.97
1100.00	64.05	62.67	62.64	0.55	0.61	0.71	0.50	0.56	0.63
1200.00	61.53	60.74	60.85	0.43	0.53	0.59	0.40	0.50	0.54
1300.00	59.09	58.43	58.39	0.41	0.53	0.57	0.42	0.53	0.56
1400.00	56.68	56.17	56.17	0.42	0.57	0.60	0.45	0.58	0.60
1500.00	53.28	52.56	51.78	0.49	0.69	0.68	0.51	0.66	0.67
1600.00	51.06	50.21	49.91	0.72	0.78	0.82	0.62	0.74	0.76
1700.00	49.21	48.42	48.55	0.59	0.71	0.77	0.59	0.74	0.77
1800.00	46.87	46.17	46.40	0.54	0.73	0.75	0.61	0.80	0.82
1900.00	45.21	44.80	44.92	0.53	0.78	0.77	0.60	0.85	0.84
2000.00	43.67	43.48	43.54	0.63	1.01	0.91	0.74	1.08	1.02
2100.00	42.31	43.83	43.16	0.94	1.43	1.21	1.07	1.42	1.29
2200.00	46.02	46.21	43.94	1.73	1.51	1.57	1.53	1.38	1.47
2300.00	43.87	42.51	42.69	1.24	1.12	1.35	0.94	0.99	1.15
2400.00	41.48	40.45	40.79	0.72	0.87	1.02	0.58	0.77	0.89
2500.00	40.28	39.58	39.83	0.52	0.74	0.85	0.41	0.64	0.74
2600.00	38.46	37.57	37.85	0.43	0.68	0.75	0.33	0.57	0.65
2700.00	36.28	35.44	35.71	0.38	0.66	0.70	0.28	0.54	0.60
2800.00	34.04	33.00	33.30	0.38	0.69	0.70	0.32	0.59	0.63
2900.00	31.33	30.05	30.63	0.47	0.81	0.78	0.39	0.69	0.71
3000.00	27.53	26.81	27.40	0.63	1.05	0.98	0.58	0.97	0.95

REV. X2

LPF-B0R35+

110415

Page 1 of 2



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED • RoHS compliant

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see



Surface Mount Low Pass Filter

LPF-B0R35+

Typical Performance Data

FREQ. (MHz)	GROUP DELAY (nsec)		
	@ -40° C	@ +25° C	@ +85° C
0.030	1162.06	1216.07	1250.59
0.050	1170.91	1224.22	1258.45
0.200	1257.93	1319.45	1362.00
0.250	1308.63	1378.07	1427.54
0.300	1365.61	1444.19	1500.48
0.330	1466.02	1560.61	1628.77
0.350	1531.27	1636.28	1709.73
0.370	1591.86	1703.39	1785.11
0.400	1691.34	1819.98	1915.38
0.415	1774.29	1923.76	2029.82
0.420	1806.94	1959.62	2072.19
0.425	1831.16	1989.42	2107.23
0.430	1857.41	2019.57	2141.46
0.435	1883.66	2054.03	2182.09
0.440	1913.87	2091.29	2226.56
0.445	1940.06	2125.98	2269.40
0.450	1968.93	2169.87	2315.73
0.455	2005.84	2214.45	2372.89
0.460	2039.95	2257.06	2421.79
0.465	2072.54	2304.21	2482.09
0.470	2114.45	2356.95	2539.37
0.475	2157.06	2409.45	2608.40
0.480	2198.39	2464.98	2678.95
0.485	2247.86	2531.34	2764.40
0.490	2301.42	2602.35	2850.08
0.495	2351.82	2682.33	2954.04
0.500	2410.85	2767.77	3064.63
0.515	2640.88	3104.45	3484.08
0.520	2740.88	3240.89	3649.85
0.525	2849.03	3395.49	3824.94
0.530	2966.96	3563.59	4005.39
0.535	3102.70	3740.08	4178.61
0.540	3250.08	3921.33	4337.17
0.545	3409.81	4099.68	4464.53
0.550	3577.79	4260.10	4553.94
0.555	3752.18	4390.25	4589.33
0.560	3915.75	4481.76	4574.42
0.565	4064.76	4522.74	4499.45
0.570	4183.04	4507.60	4374.89
0.575	4266.85	4434.73	4210.74
0.580	4304.34	4313.19	4015.40
0.585	4295.03	4155.56	3798.05
0.590	4238.22	3964.41	3573.72
0.595	4136.94	3754.05	3349.97
0.600	4003.29	3538.56	3130.41
0.620	3273.60	2716.44	2368.12
0.625	3080.12	2539.95	2207.47
0.630	2897.11	2375.11	2066.49
0.635	2720.63	2226.21	1938.90
0.640	2553.92	2086.63	1816.84
0.650	2254.27	1851.94	1607.46
0.700	1299.14	1084.12	942.06
0.750	846.40	679.78	548.23
0.800	566.10	353.39	33.57

REV. X2
 LPF-B0R35+
 110415
 Page 2 of 2



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED • RoHS compliant
 P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

