

Surface Mount Band Pass Filter

BPF-A332+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)			INPUT RETURN LOSS (dB)			OUTPUT RETURNLOSS (dB)		
	@ -40° C	@ +25° C	@ +85° C	@ -40° C	@ +25° C	@ +85° C	@ -40° C	@ +25° C	@ +85° C
0.5	103.08	99.00	116.16	0.13	0.19	0.22	0.14	0.18	0.22
1	93.75	93.11	108.09	0.13	0.18	0.22	0.13	0.18	0.22
10	98.20	88.66	91.64	0.19	0.23	0.27	0.18	0.24	0.28
20	84.11	94.33	86.58	0.24	0.27	0.30	0.23	0.28	0.31
30	91.59	91.09	92.02	0.27	0.31	0.33	0.26	0.30	0.33
40	90.02	93.44	87.12	0.29	0.32	0.34	0.28	0.33	0.35
50	97.10	96.41	90.55	0.30	0.33	0.35	0.29	0.33	0.35
60	92.91	97.18	90.90	0.29	0.31	0.34	0.28	0.32	0.35
70	81.21	94.00	94.00	0.28	0.30	0.33	0.26	0.31	0.34
80	87.50	93.35	99.41	0.25	0.29	0.31	0.24	0.29	0.33
90	91.54	92.55	91.51	0.24	0.28	0.30	0.23	0.28	0.31
100	84.33	83.86	87.90	0.22	0.25	0.28	0.20	0.26	0.30
110	93.11	107.57	91.37	0.20	0.24	0.27	0.19	0.25	0.28
120	93.71	86.90	87.62	0.19	0.22	0.25	0.17	0.23	0.27
130	95.89	86.81	82.20	0.17	0.21	0.24	0.16	0.22	0.25
140	95.73	86.54	94.53	0.15	0.20	0.23	0.16	0.21	0.25
150	87.53	92.56	90.67	0.15	0.18	0.23	0.14	0.19	0.23
200	90.37	101.27	89.88	0.10	0.15	0.19	0.09	0.15	0.19
250	83.14	78.58	77.52	0.08	0.14	0.18	0.06	0.13	0.18
290	50.97	50.51	49.90	0.15	0.23	0.29	0.12	0.22	0.28
300	40.83	40.16	39.60	0.25	0.35	0.42	0.21	0.34	0.43
305	34.65	33.84	33.15	0.34	0.47	0.58	0.33	0.48	0.60
310	27.17	26.20	25.37	0.58	0.78	0.94	0.58	0.83	1.01
315	17.93	16.84	15.86	1.12	1.55	1.93	1.30	1.85	2.34
319	9.04	8.36	7.76	3.40	4.68	5.87	4.55	6.55	8.66
329	2.73	3.22	3.51	18.09	19.33	19.70	16.80	18.80	20.53
332	2.57	3.12	3.45	22.21	21.78	21.88	24.85	23.51	22.24
335	2.62	3.22	3.60	23.61	25.39	25.70	18.33	16.74	15.51
340	3.32	4.02	4.46	11.97	11.20	10.69	9.26	8.66	8.29
345	4.05	4.66	5.06	8.23	9.28	10.56	6.80	7.44	8.13
350	6.40	8.40	10.03	8.76	6.71	5.53	6.01	4.82	4.07
352	10.36	12.45	14.07	3.81	3.45	3.16	2.78	2.55	2.36
355	16.75	18.45	19.80	1.75	1.84	1.85	1.25	1.36	1.39
360	25.35	26.61	27.62	0.89	1.03	1.11	0.63	0.77	0.85
365	32.03	33.00	33.87	0.61	0.73	0.82	0.43	0.57	0.66
385	49.50	50.08	50.74	0.28	0.38	0.45	0.19	0.32	0.39
400	58.25	58.42	58.80	0.21	0.30	0.37	0.14	0.26	0.33
500	95.52	85.57	81.54	0.10	0.19	0.27	0.06	0.19	0.27
600	88.99	88.36	88.58	0.10	0.20	0.27	0.04	0.20	0.28
700	85.29	103.17	90.89	0.11	0.23	0.33	0.05	0.23	0.32
800	84.01	95.63	88.46	0.12	0.26	0.34	0.06	0.25	0.34
900	92.20	89.64	92.81	0.15	0.29	0.38	0.06	0.26	0.37
1000	85.88	86.59	92.41	0.14	0.29	0.40	0.08	0.30	0.41
1100	96.90	92.11	83.93	0.17	0.33	0.43	0.08	0.31	0.43
1200	84.19	89.67	92.18	0.17	0.34	0.44	0.08	0.32	0.45
1300	82.99	81.98	81.14	0.19	0.36	0.47	0.11	0.35	0.47
1400	79.27	80.59	76.75	0.20	0.37	0.49	0.13	0.37	0.50
1500	87.63	79.90	81.97	0.22	0.40	0.53	0.14	0.38	0.50
1600	76.57	76.29	72.26	0.25	0.42	0.55	0.15	0.39	0.52
1700	67.52	71.68	68.55	0.24	0.42	0.55	0.18	0.41	0.54
1800	77.14	71.69	72.78	0.24	0.43	0.56	0.15	0.40	0.52
1900	75.45	74.05	74.78	0.24	0.43	0.57	0.16	0.40	0.55
2000	64.59	67.43	63.05	0.25	0.46	0.60	0.15	0.42	0.56
2100	61.09	62.44	61.83	0.26	0.45	0.61	0.14	0.40	0.57
2200	60.76	57.01	63.00	0.23	0.45	0.60	0.14	0.43	0.59

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Typical Performance Data

FREQ. (MHz)	GROUP DELAY (nsec)		
	@ -40° C	@ +25° C	@ +85° C
325.0	43.56	41.55	40.12
325.5	42.10	40.41	39.25
326.0	40.88	39.46	38.53
326.5	39.80	38.71	37.95
327.0	38.94	38.12	37.35
327.5	38.40	37.66	37.03
328.0	37.81	37.12	36.63
328.5	37.34	36.73	36.27
329.0	37.02	36.39	36.02
329.5	36.68	36.10	35.74
330.0	36.29	35.74	35.40
330.5	36.11	35.65	35.22
331.0	35.78	35.33	34.99
331.5	35.50	35.09	34.75
332.0	35.29	34.87	34.57
332.5	35.08	34.69	34.50
333.0	34.80	34.55	34.33
333.5	34.64	34.44	34.23
334.0	34.55	34.33	34.16
334.5	34.44	34.33	34.17
335.0	34.44	34.27	34.01

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