

Surface Mount Band Pass Filter

JCBP-900+

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	97.75	91.25	105.36	0.01	0.00	0.00	0.01	0.00	0.00
10	69.15	69.30	69.26	0.01	0.00	0.01	0.01	0.01	0.01
20	63.18	63.48	62.94	0.01	0.01	0.01	0.00	0.01	0.00
30	59.33	59.50	59.25	0.01	0.01	0.01	0.01	0.03	0.02
40	57.38	57.24	57.21	0.01	0.01	0.01	0.01	0.02	0.02
50	55.73	55.63	55.72	0.01	0.01	0.01	0.00	0.02	0.03
60	54.36	54.28	54.48	0.01	0.01	0.02	0.00	0.03	0.05
70	53.53	53.56	53.62	0.01	0.01	0.02	0.00	0.03	0.06
80	53.10	52.88	53.11	0.00	0.01	0.01	0.00	0.04	0.07
90	52.55	52.48	52.54	0.00	0.02	0.02	0.01	0.05	0.08
100	52.25	52.46	52.35	0.02	0.02	0.03	0.01	0.06	0.10
150	55.66	55.62	55.63	0.02	0.03	0.05	0.07	0.13	0.17
210	56.36	56.87	56.78	0.04	0.06	0.07	0.17	0.25	0.31
250	47.77	47.86	47.83	0.07	0.09	0.11	0.26	0.33	0.40
300	45.55	45.63	45.84	0.10	0.13	0.16	0.37	0.46	0.54
350	46.61	46.61	46.62	0.18	0.21	0.25	0.46	0.57	0.66
376	37.32	37.12	36.85	0.23	0.28	0.31	0.48	0.60	0.70
380	35.36	35.12	34.87	0.25	0.30	0.34	0.48	0.61	0.71
390	30.29	30.06	29.81	0.28	0.33	0.40	0.50	0.65	0.75
400	25.28	25.02	24.77	0.34	0.40	0.46	0.54	0.69	0.80
420	15.75	15.53	15.31	0.64	0.73	0.83	0.75	0.95	1.09
430	11.16	10.98	10.79	1.04	1.19	1.32	1.11	1.37	1.56
440	6.97	6.87	6.75	1.99	2.24	2.44	2.02	2.37	2.63
450	3.78	3.78	3.76	4.15	4.54	4.86	4.09	4.57	4.95
460	1.82	1.92	1.99	8.33	8.86	9.30	8.07	8.68	9.13
470	0.96	1.10	1.20	15.24	15.92	16.48	14.35	14.93	15.42
480	0.67	0.82	0.92	28.19	28.89	29.54	22.76	22.77	22.95
500	0.59	0.72	0.81	22.36	22.42	22.59	21.59	21.83	22.17
600	0.42	0.53	0.62	22.95	23.11	23.38	23.90	24.28	24.68
700	0.38	0.51	0.60	17.88	17.73	17.75	18.57	18.71	18.98
800	0.43	0.57	0.68	16.46	15.96	15.70	17.13	16.88	16.80
900	0.58	0.73	0.86	13.47	13.13	12.95	13.88	13.74	13.72
1000	0.64	0.80	0.92	11.93	11.72	11.59	12.23	12.23	12.22
1100	0.65	0.81	0.94	12.63	12.44	12.37	12.82	12.95	13.04
1200	0.54	0.73	0.87	16.59	16.19	16.04	17.33	17.59	17.91
1300	0.53	0.75	0.92	17.40	16.22	15.63	18.83	17.78	17.30
1320	0.67	0.91	1.10	15.57	14.64	14.11	16.52	15.70	15.24
1400	1.24	1.55	1.79	9.45	9.17	8.98	9.19	8.98	8.79
1500	3.94	4.30	4.64	4.33	4.48	4.54	3.59	3.67	3.68
1600	10.67	11.25	11.76	1.54	1.80	1.98	0.88	1.07	1.18
1700	20.33	21.08	21.69	0.81	1.05	1.22	0.33	0.53	0.63
1790	35.00	36.17	37.20	0.65	0.86	1.02	0.21	0.41	0.54
1800	37.02	38.33	39.51	0.61	0.84	0.99	0.21	0.42	0.52
1900	36.10	36.07	35.93	0.56	0.77	0.92	0.18	0.37	0.48
2000	32.16	32.29	32.49	0.53	0.73	0.89	0.17	0.36	0.48
2100	31.71	31.86	32.01	0.56	0.77	0.95	0.19	0.37	0.50
2200	31.99	32.28	32.51	0.61	0.84	1.01	0.18	0.38	0.50
2300	32.71	33.10	33.29	0.67	0.91	1.10	0.15	0.37	0.48
2400	33.78	34.19	34.77	0.65	0.89	1.13	0.16	0.35	0.52
2500	34.73	34.85	35.29	0.65	0.94	1.17	0.16	0.38	0.53
2600	37.04	36.72	37.59	0.70	1.01	1.21	0.18	0.40	0.54
2700	40.36	40.82	40.97	0.76	1.07	1.29	0.11	0.36	0.51
2800	50.15	48.29	49.24	0.79	1.10	1.32	0.15	0.39	0.56
2900	66.54	54.33	56.96	0.75	1.06	1.24	0.13	0.40	0.56
3000	43.55	42.67	42.25	0.84	1.07	1.27	0.12	0.42	0.58

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Surface Mount Band Pass Filter

JCBP-900+

Typical Performance Data

FREQ. (MHz)	GROUP DELAY (nsec)		
	@ -40° C	@ +25° C	@ +85° C
450	8.49	8.45	8.45
452	8.54	8.49	8.44
453	8.57	8.53	8.43
454	8.54	8.42	8.39
455	8.52	8.43	8.34
457	8.48	8.34	8.23
458	8.39	8.24	8.15
459	8.34	8.25	8.12
460	8.27	8.14	8.00
462	8.04	7.92	7.79
463	7.97	7.81	7.71
464	7.85	7.69	7.56
465	7.75	7.60	7.47
467	7.53	7.37	7.24
468	7.35	7.23	7.09
469	7.25	7.08	6.95
470	7.07	6.93	6.82
472	6.81	6.65	6.57
473	6.70	6.55	6.47
474	6.49	6.41	6.30
475	6.42	6.30	6.23
477	6.14	6.08	5.96
478	6.00	5.94	5.82
479	5.96	5.82	5.77
480	5.78	5.71	5.62
482	5.59	5.48	5.46
483	5.50	5.40	5.35
484	5.40	5.32	5.27
485	5.31	5.22	5.17
487	5.14	5.07	5.00
488	5.06	4.99	4.95
489	4.93	4.92	4.84
490	4.86	4.83	4.77
500	3.97	3.97	3.95
550	3.22	3.23	3.20
600	2.40	2.39	2.38
650	1.95	1.95	1.94
700	1.70	1.69	1.69
750	1.53	1.52	1.53
800	1.42	1.41	1.41
850	1.34	1.33	1.33
900	1.27	1.27	1.27
950	1.22	1.21	1.21
1000	1.19	1.18	1.18
1050	1.18	1.18	1.18
1100	1.19	1.19	1.19
1150	1.22	1.22	1.23
1200	1.27	1.27	1.27
1250	1.33	1.32	1.33
1300	1.48	1.48	1.51
1310	1.50	1.51	1.51
1320	1.45	1.44	1.44
1330	1.41	1.40	1.39
1340	1.48	1.47	1.48
1350	1.62	1.59	1.60

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