

Surface Mount Bandpass Filter

CBP2-1060+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
	(dB)			(dB)			(dB)		
	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C
10	67.56	69.28	71.56	0.02	0.00	0.01	0.02	0.01	0.01
75	90.81	94.83	101.82	0.04	0.02	0.03	0.04	0.00	0.00
100	93.67	97.61	99.01	0.05	0.02	0.03	0.04	0.01	0.01
200	88.23	87.63	86.80	0.10	0.05	0.06	0.05	0.17	0.16
150	97.01	92.79	93.36	0.07	0.03	0.04	0.03	0.06	0.05
300	75.15	77.42	78.17	0.11	0.05	0.06	0.32	0.46	0.50
700	63.63	64.35	64.36	0.01	0.07	0.08	0.59	0.82	0.88
908	30.59	30.50	30.41	0.28	0.40	0.42	0.90	1.15	1.28
910	29.96	29.88	29.78	0.29	0.40	0.43	0.91	1.17	1.31
938	20.25	20.13	20.05	0.50	0.65	0.69	1.31	1.65	1.83
962	10.23	10.16	10.15	1.46	1.74	1.86	2.56	3.07	3.37
974	5.33	5.42	5.51	3.81	4.30	4.51	5.08	5.83	6.22
982	3.08	3.31	3.46	7.74	8.43	8.68	9.06	9.98	10.39
1000	1.58	1.89	2.06	33.93	33.90	34.50	26.20	27.11	27.12
1030	1.34	1.64	1.79	24.94	25.13	24.58	29.34	28.22	26.67
1036	1.32	1.62	1.77	27.26	27.08	26.24	28.53	27.07	25.71
1040	1.31	1.61	1.76	28.70	28.22	27.21	27.88	26.48	25.24
1046	1.30	1.60	1.76	30.03	29.08	27.87	27.18	25.81	24.66
1050	1.30	1.60	1.76	29.95	28.73	27.49	26.74	25.32	24.19
1056	1.30	1.61	1.76	28.24	26.88	25.81	25.61	24.12	23.06
1060	1.31	1.62	1.77	26.55	25.28	24.38	24.40	22.99	22.03
1066	1.32	1.63	1.79	24.02	22.99	22.36	22.26	21.09	20.34
1070	1.34	1.65	1.81	22.58	21.73	21.25	20.89	19.91	19.29
1080	1.38	1.70	1.86	20.36	19.90	19.72	18.41	17.85	17.48
1090	1.43	1.75	1.92	20.73	20.73	20.87	17.86	17.57	17.32
1100	1.47	1.81	1.98	28.39	30.16	31.71	19.92	19.57	19.10
1110	1.63	2.01	2.20	20.58	19.37	18.84	19.09	17.97	17.26
1120	2.24	2.70	2.92	10.19	9.76	9.63	11.00	10.60	10.46
1140	6.24	6.82	7.02	2.53	2.57	2.61	3.49	3.70	3.88
1160	12.25	12.76	12.89	0.80	0.91	0.95	2.06	2.44	2.71
1180	17.92	18.37	18.48	0.39	0.50	0.52	2.10	2.61	2.98
1200	23.05	23.51	23.65	0.25	0.35	0.37	2.53	3.17	3.66
1240	32.94	33.58	33.89	0.16	0.25	0.26	3.47	4.23	4.78
1260	38.37	39.17	39.55	0.13	0.22	0.23	3.62	4.29	4.72
1280	44.71	45.59	46.09	0.11	0.20	0.21	3.48	4.03	4.37
1300	53.06	54.17	54.79	0.09	0.18	0.19	3.20	3.69	3.98
1320	73.82	75.49	74.73	0.07	0.17	0.18	2.95	3.41	3.69
1350	57.90	58.20	58.65	0.05	0.15	0.16	2.72	3.18	3.50
1400	55.34	55.86	56.42	0.04	0.14	0.14	2.78	3.34	3.80
1450	56.88	57.56	58.20	0.04	0.14	0.14	3.23	3.90	4.39
1500	60.40	61.61	62.09	0.04	0.14	0.15	3.29	3.85	4.11
1550	59.72	60.35	61.77	0.04	0.15	0.15	2.61	2.94	3.03
1600	66.31	67.77	68.94	0.04	0.15	0.15	1.80	2.04	2.10
1650	71.97	74.89	76.06	0.01	0.13	0.14	1.23	1.45	1.50
1700	79.19	81.43	84.01	0.01	0.13	0.13	0.88	1.08	1.12
1750	101.71	90.90	87.07	0.01	0.12	0.12	0.66	0.86	0.89
1800	75.14	77.85	76.52	0.01	0.12	0.13	0.50	0.69	0.71
1850	81.85	89.21	79.50	0.01	0.12	0.13	0.37	0.56	0.57
1900	70.75	68.97	72.70	0.02	0.15	0.17	0.27	0.46	0.46
1950	77.03	75.75	75.22	0.06	0.21	0.23	0.22	0.40	0.40
2000	81.11	86.04	83.81	0.16	0.32	0.35	0.19	0.36	0.37
2200	58.26	58.01	57.97	16.27	23.43	20.29	0.05	0.23	0.22
2500	75.38	70.87	70.47	0.21	0.36	0.41	0.01	0.21	0.20
3000	48.70	48.87	49.11	0.74	0.94	1.00	0.01	0.23	0.25
3400	48.16	48.25	48.08	0.66	0.89	0.95	0.04	0.29	0.32
3800	54.45	54.45	54.52	0.79	0.79	0.76	0.00	0.26	0.28
4000	55.83	56.67	56.71	0.10	0.25	0.26	0.04	0.28	0.30
4200	58.76	59.43	60.11	0.03	0.20	0.21	0.01	0.25	0.25
4400	58.64	59.51	59.73	0.11	0.29	0.31	0.03	0.27	0.26
4800	65.60	63.37	61.93	0.05	0.26	0.32	0.02	0.26	0.24

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
1030	7.20	7.19	7.18
1032	7.14	7.13	7.13
1034	7.09	7.09	7.08
1036	7.05	7.04	7.04
1038	7.01	7.00	7.00
1040	6.97	6.97	6.97
1042	6.94	6.94	6.94
1044	6.91	6.91	6.91
1046	6.88	6.88	6.88
1048	6.86	6.86	6.86
1050	6.84	6.84	6.85
1052	6.82	6.83	6.83
1054	6.81	6.82	6.82
1056	6.80	6.81	6.81
1058	6.79	6.80	6.80
1060	6.78	6.79	6.79
1062	6.78	6.79	6.79
1064	6.78	6.79	6.79
1066	6.78	6.80	6.80
1068	6.79	6.80	6.80
1070	6.80	6.81	6.81
1072	6.81	6.83	6.83
1074	6.83	6.84	6.85
1076	6.85	6.87	6.87
1078	6.87	6.90	6.90
1080	6.91	6.93	6.94
1082	6.94	6.97	6.98
1084	6.99	7.02	7.03
1086	7.04	7.08	7.09
1088	7.11	7.15	7.16
1090	7.18	7.22	7.24