

Surface mount Band Pass Filter

CBP2-1300BV+

Typical Performance Data

FREQ.	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
(MHz)	(dB)			(dB)			(dB)		
	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C
10	86.99	86.71	90.68	0.03	0.03	0.03	0.04	0.04	0.04
54	99.54	98.37	100.41	0.02	0.02	0.02	0.04	0.04	0.05
104	104.09	106.16	105.36	0.01	0.02	0.02	0.05	0.06	0.07
154	99.72	105.73	101.86	0.01	0.02	0.02	0.07	0.09	0.11
204	98.02	99.52	95.16	0.01	0.02	0.03	0.10	0.14	0.17
254	92.62	93.35	91.59	0.01	0.02	0.04	0.15	0.20	0.24
304	87.85	88.65	88.47	0.01	0.03	0.04	0.21	0.27	0.32
410	79.88	80.62	80.21	0.01	0.03	0.05	0.37	0.46	0.53
500	76.14	76.00	75.91	0.02	0.05	0.07	0.53	0.64	0.73
600	72.49	72.48	72.53	0.03	0.06	0.09	0.70	0.84	0.95
700	69.75	69.94	69.94	0.04	0.09	0.12	0.82	0.98	1.11
750	69.00	69.10	69.13	0.06	0.10	0.13	0.85	1.01	1.14
800	68.42	68.76	68.82	0.07	0.12	0.15	0.84	1.01	1.14
850	68.07	68.22	68.36	0.09	0.14	0.18	0.82	0.98	1.10
880	68.58	68.73	68.80	0.11	0.16	0.20	0.80	0.95	1.07
900	69.29	69.47	69.64	0.12	0.17	0.21	0.77	0.92	1.04
920	70.82	70.54	71.01	0.13	0.19	0.23	0.75	0.89	1.01
940	73.18	73.61	73.67	0.15	0.21	0.25	0.74	0.88	0.99
960	81.10	82.94	83.57	0.17	0.23	0.27	0.73	0.86	0.98
980	75.34	74.68	74.30	0.19	0.26	0.30	0.72	0.85	0.96
1000	63.09	62.74	62.44	0.22	0.29	0.33	0.71	0.84	0.95
1090	29.12	28.91	28.75	0.61	0.74	0.83	1.01	1.19	1.34
1108	20.46	20.24	20.08	0.97	1.16	1.30	1.42	1.66	1.86
1126	10.40	10.30	10.25	2.58	2.99	3.31	3.29	3.82	4.25
1152	2.71	3.03	3.27	15.49	15.47	15.55	17.92	17.47	17.30
1200	1.76	2.01	2.20	22.51	22.78	23.11	19.46	19.44	19.52
1220	1.65	1.89	2.07	20.88	21.56	22.17	18.22	18.39	18.56
1240	1.58	1.81	1.99	20.57	20.91	21.18	17.88	17.91	17.99
1260	1.56	1.78	1.95	17.83	18.12	18.38	16.46	16.60	16.78
1280	1.51	1.73	1.89	18.84	19.40	19.89	17.43	17.75	18.09
1300	1.44	1.66	1.83	27.40	29.31	31.22	22.05	22.41	22.74
1320	1.44	1.67	1.84	23.12	22.87	22.69	21.40	21.22	21.11
1340	1.50	1.72	1.90	17.97	18.08	18.19	18.14	18.28	18.45
1360	1.51	1.75	1.92	19.30	19.69	19.96	20.19	20.74	21.26
1380	1.54	1.79	1.98	25.65	25.14	24.52	46.74	42.94	38.14
1400	1.69	1.96	2.16	20.39	20.02	19.71	22.48	22.22	21.93
1428	2.66	3.08	3.36	10.78	10.44	10.31	13.60	13.40	13.41
1454	9.58	10.12	10.44	1.71	1.80	1.88	2.85	3.07	3.25
1484	20.06	20.49	20.72	0.49	0.59	0.65	1.46	1.67	1.85
1515	29.05	29.39	29.57	0.28	0.36	0.41	1.25	1.46	1.63
1680	66.05	67.40	67.19	0.15	0.21	0.26	1.75	2.07	2.36
2000	56.92	57.76	57.57	0.16	0.24	0.29	2.67	2.94	3.19
3000	66.15	66.53	64.81	1.66	1.96	2.23	0.55	0.66	0.75
3900	59.10	57.75	58.62	2.05	2.35	2.55	0.32	0.43	0.53
5000	59.59	56.80	56.62	2.02	2.30	2.44	0.23	0.31	0.37
5500	40.72	41.28	40.66	0.70	0.81	0.95	0.20	0.29	0.35
6000	42.10	42.33	41.93	0.35	0.52	0.68	0.16	0.27	0.35
7000	28.86	29.28	29.22	2.49	2.92	3.16	0.19	0.34	0.49
8000	39.43	39.93	40.67	3.18	3.07	3.12	0.32	0.47	0.62
8500	32.26	31.79	32.58	0.70	0.81	0.89	0.67	0.74	0.76
9000	33.78	33.02	32.27	0.84	1.15	1.37	0.62	0.79	0.80
9500	28.48	29.10	29.31	3.78	4.02	4.29	0.15	0.28	0.37
10000	30.93	31.02	31.00	1.35	1.67	1.96	0.12	0.29	0.43
11000	32.90	34.29	33.84	1.70	2.01	2.26	0.60	0.82	1.06
12000	23.37	23.43	24.08	4.84	6.18	7.35	1.15	1.36	1.56
13000	22.41	22.31	24.34	3.79	4.21	4.22	1.35	1.31	1.52
14000	25.64	25.17	24.49	2.63	2.76	3.18	1.44	2.53	2.53
15000	24.24	23.84	23.51	4.56	4.97	5.35	4.64	4.41	5.25
18000	29.46	29.47	31.11	8.73	7.87	7.47	3.99	4.88	5.33
20000	33.34	33.42	31.19	6.56	7.24	8.01	5.69	6.73	6.96



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IF/RF MICROWAVE COMPONENTS

REV. OR
CBP2-1300BV+
211120

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
1200	6.83	6.80	6.78
1204	6.68	6.65	6.63
1208	6.54	6.52	6.50
1212	6.42	6.40	6.38
1216	6.31	6.29	6.28
1220	6.21	6.19	6.18
1224	6.12	6.11	6.10
1228	6.04	6.03	6.01
1232	5.96	5.95	5.94
1236	5.89	5.88	5.87
1240	5.82	5.81	5.80
1244	5.75	5.74	5.73
1248	5.69	5.68	5.67
1252	5.63	5.62	5.61
1256	5.57	5.57	5.56
1260	5.52	5.52	5.51
1264	5.48	5.47	5.47
1268	5.44	5.44	5.44
1272	5.41	5.41	5.41
1276	5.39	5.39	5.39
1280	5.37	5.37	5.37
1284	5.36	5.36	5.36
1288	5.35	5.35	5.36
1292	5.35	5.35	5.35
1296	5.35	5.35	5.35
1300	5.35	5.35	5.35
1304	5.34	5.35	5.35
1308	5.34	5.35	5.34
1312	5.34	5.34	5.34
1316	5.34	5.34	5.34
1320	5.34	5.34	5.34
1324	5.34	5.34	5.34
1328	5.34	5.34	5.34
1332	5.34	5.35	5.35
1336	5.35	5.36	5.36
1340	5.37	5.38	5.38
1344	5.39	5.40	5.41
1348	5.43	5.44	5.45
1352	5.47	5.48	5.49
1356	5.52	5.54	5.55
1360	5.58	5.60	5.61
1364	5.65	5.67	5.68
1368	5.72	5.74	5.75
1372	5.81	5.83	5.84
1376	5.90	5.92	5.92
1380	5.99	6.01	6.02
1384	6.10	6.12	6.13
1388	6.21	6.24	6.24
1392	6.35	6.37	6.38
1396	6.50	6.54	6.55
1400	6.70	6.73	6.75