

Band Pass Filter

CBP-1250C+

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
1	105.25	103.53	98.10	0.00	0.00	0.00	0.00	0.00	0.00
250	97.73	100.77	99.47	0.01	0.03	0.04	0.01	0.03	0.03
475	82.30	81.27	82.15	0.05	0.08	0.09	0.05	0.08	0.08
650	76.63	75.58	75.74	0.10	0.15	0.16	0.11	0.15	0.15
800	74.86	75.07	74.52	0.17	0.23	0.24	0.18	0.23	0.24
900	71.42	70.13	70.24	0.23	0.29	0.31	0.24	0.30	0.30
915	65.56	65.15	64.94	0.24	0.30	0.32	0.25	0.31	0.31
930	61.29	60.94	60.72	0.25	0.31	0.34	0.26	0.32	0.32
955	55.15	54.76	54.67	0.27	0.33	0.36	0.28	0.34	0.34
975	50.62	50.33	50.15	0.28	0.35	0.38	0.30	0.36	0.36
1000	44.99	44.66	44.48	0.31	0.38	0.41	0.33	0.39	0.40
1020	40.41	40.05	39.86	0.33	0.41	0.44	0.35	0.42	0.43
1055	32.05	31.64	31.42	0.38	0.48	0.51	0.40	0.49	0.50
1060	30.80	30.38	30.16	0.40	0.49	0.52	0.41	0.50	0.51
1080	25.61	25.15	24.90	0.45	0.56	0.60	0.47	0.57	0.59
1095	21.48	20.98	20.71	0.51	0.65	0.69	0.53	0.65	0.69
1100	20.06	19.54	19.26	0.54	0.69	0.74	0.56	0.69	0.73
1115	15.63	15.08	14.78	0.69	0.88	0.95	0.71	0.90	0.96
1120	14.13	13.57	13.27	0.78	0.99	1.07	0.80	1.01	1.08
1125	12.61	12.05	11.75	0.90	1.14	1.24	0.92	1.16	1.25
1138	8.73	8.23	7.96	1.44	1.84	2.00	1.47	1.86	2.02
1150	5.54	5.18	4.99	2.55	3.18	3.44	2.58	3.22	3.50
1155	4.44	4.16	4.01	3.28	4.03	4.34	3.32	4.09	4.41
1162	3.18	3.03	2.94	4.62	5.55	5.92	4.66	5.62	6.03
1170	2.17	2.15	2.12	6.56	7.66	8.10	6.62	7.77	8.25
1200	0.86	1.04	1.09	15.00	16.18	16.59	15.12	16.46	16.97
1215	0.73	0.92	0.97	18.64	19.72	20.10	18.71	20.03	20.56
1230	0.66	0.85	0.91	22.86	23.99	24.39	22.73	24.35	25.09
1250	0.61	0.81	0.87	37.99	39.12	36.20	32.41	38.49	45.32
1275	0.62	0.82	0.88	26.49	28.26	29.21	27.28	29.61	30.87
1285	0.63	0.83	0.89	25.54	28.24	30.09	27.90	32.86	37.04
1300	0.66	0.90	0.98	24.21	23.17	22.25	30.88	26.31	24.04
1308	0.73	1.00	1.10	19.34	17.48	16.55	21.26	18.45	17.18
1329	1.55	2.07	2.29	8.27	7.40	6.99	8.50	7.57	7.13
1338	2.46	3.11	3.38	5.41	4.90	4.65	5.54	5.00	4.73
1344	3.30	4.02	4.32	4.02	3.70	3.53	4.12	3.78	3.59
1385	11.49	12.22	12.51	0.69	0.79	0.81	0.71	0.81	0.82
1405	15.45	16.09	16.34	0.42	0.54	0.57	0.44	0.55	0.57
1430	19.87	20.41	20.63	0.31	0.42	0.45	0.32	0.43	0.45
1500	29.89	30.26	30.42	0.25	0.35	0.38	0.27	0.36	0.37
1510	31.13	31.48	31.63	0.25	0.35	0.38	0.27	0.35	0.37
1585	40.01	40.31	40.44	0.26	0.35	0.38	0.28	0.35	0.36
1630	45.22	45.51	45.59	0.27	0.35	0.38	0.28	0.35	0.36
1670	50.38	50.75	50.88	0.28	0.36	0.38	0.29	0.36	0.36
1700	55.07	55.52	55.80	0.28	0.36	0.38	0.29	0.36	0.37
1725	59.54	59.97	60.45	0.28	0.37	0.39	0.30	0.37	0.37
1750	71.41	72.67	72.82	0.29	0.37	0.39	0.30	0.37	0.37
1775	71.36	69.32	68.84	0.29	0.37	0.39	0.30	0.37	0.37
1825	58.94	58.43	58.05	0.29	0.37	0.39	0.30	0.37	0.37
1875	55.87	55.77	55.63	0.30	0.38	0.39	0.31	0.37	0.38
1975	53.57	53.24	52.98	0.30	0.38	0.40	0.31	0.38	0.38
2000	54.57	54.33	54.22	0.30	0.38	0.40	0.31	0.38	0.38
2050	51.41	51.63	52.00	0.31	0.39	0.40	0.32	0.39	0.39
2175	53.13	53.02	53.24	0.30	0.39	0.40	0.31	0.39	0.39
2225	53.66	53.27	52.73	0.30	0.39	0.40	0.31	0.39	0.40
2300	52.68	52.44	52.22	0.30	0.40	0.41	0.31	0.40	0.41
2350	51.66	51.56	51.15	0.30	0.41	0.41	0.32	0.41	0.42
2400	50.47	50.11	50.06	0.30	0.41	0.43	0.32	0.42	0.43
2450	49.93	49.52	48.68	0.31	0.42	0.44	0.33	0.44	0.46
2500	46.92	46.78	46.58	0.32	0.44	0.46	0.35	0.46	0.48



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Band Pass Filter**CBP-1250C+***Typical Performance Data*

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
1215	5.31	5.23	5.21
1216	5.28	5.20	5.18
1217	5.25	5.19	5.15
1218	5.24	5.18	5.15
1219	5.21	5.15	5.12
1220	5.18	5.12	5.09
1221	5.17	5.11	5.09
1222	5.13	5.07	5.06
1223	5.12	5.07	5.05
1224	5.10	5.05	5.03
1225	5.07	5.02	5.01
1226	5.07	5.01	4.99
1227	5.05	5.00	4.98
1228	5.03	4.98	4.96
1229	5.02	4.97	4.95
1230	5.00	4.96	4.94
1231	4.99	4.94	4.92
1232	4.98	4.93	4.92
1233	4.96	4.92	4.91
1234	4.94	4.90	4.88
1235	4.93	4.89	4.87
1236	4.92	4.88	4.87
1237	4.91	4.86	4.86
1239	4.88	4.85	4.84
1240	4.87	4.84	4.82
1241	4.86	4.83	4.82
1242	4.86	4.82	4.82
1243	4.84	4.81	4.81
1244	4.84	4.81	4.80
1245	4.83	4.80	4.79
1246	4.82	4.78	4.78
1247	4.81	4.78	4.78
1248	4.80	4.77	4.77
1250	4.78	4.76	4.75
1251	4.77	4.75	4.75
1255	4.76	4.75	4.74
1256	4.75	4.74	4.74
1257	4.75	4.75	4.75
1258	4.75	4.74	4.74
1260	4.75	4.74	4.74
1261	4.75	4.73	4.73
1262	4.75	4.75	4.74
1263	4.74	4.74	4.74
1265	4.74	4.74	4.74
1266	4.75	4.75	4.75
1269	4.75	4.75	4.76
1270	4.76	4.76	4.77
1272	4.75	4.76	4.78
1273	4.76	4.77	4.79
1274	4.76	4.77	4.79
1275	4.76	4.78	4.80
1276	4.77	4.78	4.80
1278	4.78	4.79	4.81
1279	4.79	4.81	4.83
1280	4.79	4.82	4.84
1281	4.81	4.84	4.86
1282	4.82	4.85	4.87
1283	4.82	4.86	4.88
1284	4.83	4.87	4.90
1285	4.85	4.89	4.92



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