

# Ceramic Balance Filter

# BBFCG2-532+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE (deg.)
10	77.38	0.10	5.44	21.45
50	67.01	0.10	4.20	16.91
100	61.21	0.10	2.80	26.27
200	55.34	0.09	0.10	38.56
300	51.76	0.09	2.00	41.67
400	49.39	0.09	3.66	41.38
500	47.56	0.09	4.88	40.16
600	45.98	0.09	5.73	37.02
700	44.77	0.10	6.45	35.02
800	43.58	0.11	6.90	32.87
900	42.58	0.11	7.28	30.74
1000	41.74	0.13	7.61	29.18
1500	38.38	0.16	8.49	23.92
2000	36.54	0.25	9.33	23.13
2500	36.35	0.37	11.02	26.27
3000	40.89	0.54	16.63	35.07
3200	49.36	0.64	25.25	48.47
3400	46.47	0.76	22.26	153.28
3600	37.31	0.93	12.70	141.81
3800	36.21	1.26	11.09	149.75
4000	27.45	2.21	3.74	68.86
4200	10.82	6.39	2.78	16.24
4400	4.97	9.53	2.35	2.71
4600	3.00	14.61	2.00	0.52
4800	2.15	24.23	1.94	0.10
5000	1.96	19.95	1.77	1.75
5050	1.96	19.62	1.72	1.94
5100	1.97	19.61	1.64	2.03
5150	1.99	19.98	1.58	1.97
5200	1.99	20.69	1.53	1.88
5250	2.00	21.75	1.48	1.53
5300	1.99	22.93	1.45	1.19
5350	1.99	23.78	1.40	0.70
5400	1.97	24.36	1.40	0.32
5450	1.95	23.40	1.38	0.26
5500	1.92	22.11	1.39	0.68
5550	1.89	20.41	1.39	1.15
5600	1.87	19.08	1.39	1.51
5650	1.85	17.85	1.39	1.76
5700	1.84	17.01	1.36	1.94
5800	1.86	16.24	1.24	1.94
5900	2.01	16.86	0.94	1.70
6000	2.33	19.91	0.45	1.66
6100	2.91	25.28	0.27	2.41
6200	3.79	16.28	1.11	4.67
6300	4.97	10.06	1.93	8.49
6400	6.38	6.47	2.57	13.13
6500	7.94	4.35	3.02	17.37
6600	9.58	3.07	3.38	20.53
6700	11.25	2.31	3.75	22.54
6800	12.93	1.81	4.19	23.73
6900	14.55	1.46	4.69	24.44
7000	16.14	1.23	5.28	24.74
7100	17.63	1.07	5.89	24.91
7200	19.10	0.95	6.58	24.96
7300	20.47	0.85	7.29	24.98
7400	21.74	0.80	8.00	25.05
7500	22.91	0.75	8.72	25.62
7600	23.94	0.72	9.37	25.80
7700	24.96	0.70	10.07	26.61
7800	25.86	0.69	10.73	27.09
7900	26.73	0.68	11.39	27.80
8000	27.48	0.69	12.01	28.32
8400	29.98	0.83	14.45	31.43
8800	31.49	1.16	16.62	34.48
9200	32.69	1.69	18.67	40.51
9600	34.19	2.30	20.80	49.36
10000	34.71	2.41	20.36	70.50
10400	38.24	1.68	17.26	40.96
10800	38.27	1.25	21.58	65.65
11200	38.23	0.79	20.60	66.33
11600	40.98	0.54	21.52	70.25
12000	42.79	0.40	21.45	90.29



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