

Ceramic Balance Filter

BBFCQ2-252+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE (deg.)
10	101.40	0.09	0.90	101.65
50	78.39	0.10	2.41	102.35
100	77.30	0.11	0.14	155.58
200	72.30	0.11	0.90	169.28
300	70.22	0.11	0.76	174.05
400	68.24	0.11	0.76	176.37
500	66.86	0.11	0.75	178.36
600	67.16	0.13	0.60	179.66
700	66.10	0.13	0.45	177.79
800	62.96	0.15	0.27	175.85
900	58.58	0.16	0.06	173.49
1000	53.83	0.18	0.17	170.02
1100	49.20	0.20	0.29	164.55
1200	44.24	0.22	0.43	154.01
1300	40.98	0.25	7.36	168.03
1400	45.27	0.28	0.96	158.37
1500	42.65	0.33	3.93	171.45
1600	39.05	0.40	6.00	179.55
1700	36.35	0.49	8.05	171.38
1800	35.25	0.65	9.27	166.48
1900	40.68	0.94	4.97	168.80
2000	23.74	1.70	2.31	30.21
2100	8.79	5.33	1.37	1.46
2200	3.07	14.97	1.43	5.20
2300	1.96	25.93	1.03	4.70
2400	1.67	18.81	0.69	3.15
2410	1.66	17.90	0.67	2.99
2420	1.65	17.13	0.64	2.81
2430	1.65	16.49	0.62	2.62
2440	1.64	15.94	0.60	2.45
2450	1.64	15.48	0.58	2.27
2460	1.63	15.09	0.56	2.09
2470	1.63	14.76	0.54	1.90
2480	1.63	14.48	0.53	1.73
2490	1.62	14.26	0.51	1.54
2500	1.62	14.07	0.50	1.35
2510	1.62	13.93	0.48	1.20
2520	1.61	13.82	0.47	1.01
2530	1.61	13.74	0.46	0.83
2540	1.60	13.69	0.45	0.68
2550	1.60	13.66	0.44	0.51
2560	1.59	13.66	0.44	0.33
2570	1.59	13.66	0.43	0.17
2580	1.58	13.67	0.42	0.01
2590	1.58	13.69	0.42	0.14
2600	1.58	13.70	0.42	0.29
2800	2.34	7.66	0.45	2.75
3000	5.69	2.51	0.46	3.60
3200	9.99	1.07	0.13	2.95
3400	13.98	0.64	0.85	1.30
3600	17.53	0.50	2.84	0.87
3800	20.70	0.44	6.45	3.26
4000	23.64	0.41	13.78	7.63
4200	26.48	0.40	23.55	162.35
4400	29.47	0.38	10.29	177.85
4600	33.12	0.37	5.53	178.96
4800	39.10	0.35	2.42	177.58
5000	42.65	0.34	0.40	170.49
5200	30.54	0.33	1.71	145.05
5400	27.49	0.32	2.29	134.59
5600	29.03	0.31	3.73	149.54
5800	30.73	0.30	3.36	158.35
6000	31.92	0.29	2.85	162.07
6200	32.72	0.30	2.42	163.78
6400	33.05	0.32	2.03	164.10
6600	32.95	0.34	1.76	163.61
6800	32.61	0.38	1.53	162.68
7000	31.86	0.42	1.30	160.82
7200	30.51	0.51	1.11	157.95
7400	27.95	0.65	1.05	153.45
7600	25.67	0.72	1.27	148.24
7800	24.27	0.73	1.74	142.56
8000	22.96	0.66	2.56	135.59
8200	21.98	0.64	4.81	132.84
8500	20.32	0.67	5.59	130.88



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site



The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS

REV. OR
BBFCQ2-252+
10/26/2020
Page 1 of 1