

Ceramic Band Pass Filter

BFCN-2850+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)			INPUT RETURN LOSS (dB)			OUTPUT RETURN LOSS (dB)		
	@ -55° C	@ +25° C	@ +100° C	@ -55° C	@ +25° C	@ +100° C	@ -55° C	@ +25° C	@ +100° C
50	84.59	85.56	85.41	0.05	0.07	0.08	0.00	0.00	0.00
60	82.32	82.09	81.57	0.06	0.08	0.09	0.01	0.00	0.00
80	77.14	76.82	77.19	0.07	0.09	0.10	0.01	0.00	0.00
90	75.12	75.28	74.97	0.07	0.09	0.11	0.01	0.00	0.01
200	61.55	61.44	61.25	0.11	0.14	0.15	0.06	0.01	0.02
400	49.72	49.45	49.44	0.14	0.18	0.20	0.25	0.03	0.04
500	45.86	45.54	45.54	0.14	0.20	0.22	0.37	0.04	0.05
600	42.70	42.33	42.31	0.15	0.21	0.24	0.49	0.04	0.06
800	37.77	37.23	37.25	0.16	0.23	0.27	0.75	0.05	0.08
900	35.68	35.12	35.12	0.17	0.24	0.29	0.86	0.07	0.10
1000	33.72	33.18	33.12	0.18	0.26	0.30	0.97	0.09	0.12
1200	30.24	29.70	29.63	0.20	0.28	0.34	1.08	0.12	0.16
1400	27.11	26.68	26.58	0.21	0.31	0.38	1.05	0.13	0.17
1450	26.41	25.97	25.94	0.21	0.32	0.39	1.01	0.14	0.19
1500	25.72	25.31	25.23	0.22	0.33	0.41	0.96	0.14	0.19
1600	24.31	24.00	23.89	0.24	0.36	0.44	0.87	0.18	0.23
1800	21.65	21.51	21.41	0.31	0.43	0.54	0.67	0.30	0.35
1900	20.46	20.37	20.35	0.35	0.49	0.60	0.54	0.34	0.39
2000	19.44	19.41	19.55	0.42	0.57	0.68	0.46	0.39	0.46
2200	18.49	18.65	18.86	0.63	0.83	0.97	0.41	0.53	0.62
2400	25.37	26.21	26.62	1.07	1.39	1.62	0.84	0.98	1.19
2510	15.58	13.48	12.30	2.06	2.65	3.16	1.93	2.18	2.73
2580	7.57	6.60	6.12	4.15	5.17	6.12	4.27	4.80	5.93
2600	6.16	5.35	5.02	5.09	6.30	7.35	5.37	6.05	7.37
2650	3.71	3.37	3.32	8.46	9.80	10.97	9.35	10.09	11.86
2750	1.96	2.02	2.19	15.50	15.37	16.10	19.14	17.89	18.77
2800	1.73	1.84	2.03	16.34	15.82	16.19	17.05	17.12	17.13
2850	1.76	1.82	2.08	16.04	15.47	16.05	14.39	15.62	15.33
2900	1.72	1.83	2.06	14.71	15.03	15.34	13.32	14.89	14.88
2950	1.77	1.90	2.15	14.19	15.21	15.43	13.47	15.66	16.02
3000	1.86	2.04	2.34	14.35	15.85	15.94	15.60	19.55	21.29
3100	2.71	3.45	4.17	10.94	9.73	8.79	16.50	12.19	10.73
3200	7.79	9.84	11.34	3.51	3.18	3.12	3.74	3.26	3.08
3400	28.04	25.53	24.92	1.08	1.32	1.50	0.82	0.90	1.02
3500	21.96	21.17	21.17	0.99	1.22	1.41	0.67	0.68	0.83
3600	20.36	19.91	20.02	0.94	1.17	1.34	0.60	0.58	0.71
3800	18.39	18.30	18.33	0.91	1.12	1.26	1.07	1.20	1.66
3900	16.16	16.84	17.72	1.01	1.20	1.32	4.45	7.38	11.53
4000	21.61	25.49	28.07	0.89	1.02	1.11	4.38	3.10	2.50
4200	47.24	41.10	41.07	0.69	0.88	0.97	0.29	0.19	0.30
4300	40.66	37.44	37.84	0.62	0.83	0.93	0.09	0.08	0.14
4400	35.51	35.40	35.21	0.56	0.78	0.86	0.09	0.13	0.13
4500	32.30	35.20	33.14	0.60	0.73	0.88	0.27	0.19	0.28
4600	34.35	34.94	37.47	0.51	0.68	0.79	0.15	0.20	0.22
4800	33.64	33.52	32.52	0.47	0.64	0.77	0.05	0.13	0.23
5000	32.88	31.36	33.35	0.39	0.65	0.77	0.06	0.24	0.31
5200	31.39	30.69	29.68	0.32	0.54	0.79	0.19	0.43	0.60
5400	26.60	27.01	26.21	0.40	0.54	0.76	0.29	0.45	0.65
5500	26.70	26.15	26.61	0.46	0.62	0.77	0.30	0.44	0.56
5600	25.49	24.99	25.58	0.48	0.69	0.90	0.31	0.46	0.59
5800	23.48	23.76	23.85	0.53	0.72	1.00	0.51	0.60	0.71
5900	21.68	22.06	22.16	0.58	0.72	0.98	0.62	0.67	0.90

REV. X1
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