

Ceramic Band Pass Filter

BFCN-2910+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)			INPUT RETURN LOSS (dB)			OUTPUT RETURNLOSS (dB)		
	@ -40° C	@ +25° C	@ +85° C	@ -40° C	@ +25° C	@ +85° C	@ -40° C	@ +25° C	@ +85° C
10	55.91	60.90	68.36	0.02	0.01	0.00	0.07	0.03	0.00
50	86.34	89.42	74.60	0.00	0.02	0.01	0.01	0.01	0.02
100	78.53	74.86	74.07	0.01	0.02	0.01	0.03	0.04	0.05
200	63.16	62.30	62.33	0.01	0.01	0.00	0.10	0.12	0.14
300	55.40	55.49	55.35	0.00	0.01	0.01	0.09	0.12	0.14
400	50.54	50.48	50.39	0.01	0.00	0.03	0.07	0.11	0.13
500	46.65	46.64	46.58	0.01	0.01	0.03	0.11	0.15	0.18
600	43.50	43.46	43.46	0.01	0.03	0.04	0.14	0.19	0.22
700	40.83	40.78	40.76	0.02	0.03	0.05	0.15	0.20	0.23
800	38.44	38.44	38.39	0.02	0.04	0.07	0.16	0.22	0.25
900	36.27	36.23	36.16	0.05	0.07	0.09	0.16	0.21	0.25
1000	34.36	34.33	34.28	0.06	0.08	0.11	0.18	0.22	0.27
1100	32.62	32.57	32.54	0.07	0.10	0.13	0.19	0.24	0.28
1200	31.02	30.97	30.92	0.09	0.12	0.15	0.20	0.26	0.31
1300	29.49	29.46	29.41	0.11	0.14	0.17	0.20	0.26	0.31
1400	28.00	28.00	27.97	0.13	0.15	0.18	0.18	0.24	0.30
1550	25.98	25.94	25.92	0.16	0.20	0.24	0.21	0.28	0.34
1600	25.30	25.27	25.21	0.18	0.21	0.25	0.22	0.30	0.36
1700	24.09	24.06	23.99	0.20	0.24	0.28	0.24	0.32	0.39
1800	22.91	22.85	22.81	0.24	0.28	0.33	0.23	0.32	0.39
1900	21.75	21.76	21.67	0.27	0.32	0.37	0.27	0.36	0.44
2000	20.62	20.63	20.58	0.32	0.36	0.42	0.32	0.41	0.50
2100	19.68	19.70	19.68	0.37	0.42	0.48	0.37	0.47	0.56
2200	18.95	18.96	18.98	0.45	0.51	0.58	0.44	0.58	0.68
2300	18.54	18.58	18.68	0.55	0.64	0.72	0.52	0.66	0.79
2400	19.01	19.19	19.44	0.70	0.81	0.91	0.66	0.83	0.97
2500	22.26	22.93	23.64	0.97	1.14	1.31	0.92	1.13	1.31
2650	14.07	12.99	12.02	2.34	2.79	3.26	2.35	2.81	3.32
2720	7.21	6.83	6.43	4.42	5.07	5.80	4.75	5.53	6.37
2800	3.71	3.73	3.75	7.65	8.28	8.94	9.17	10.29	11.40
2850	2.93	3.05	3.17	8.97	9.42	9.87	11.18	12.20	12.89
2880	2.72	2.88	3.05	9.16	9.49	9.76	11.46	12.19	12.61
2925	2.60	2.82	3.03	8.98	9.10	9.22	11.07	11.44	11.69
2940	2.61	2.85	3.08	8.82	8.90	8.99	10.87	11.18	11.43
2970	2.69	2.97	3.23	8.34	8.35	8.38	10.49	10.77	11.09
3000	2.87	3.17	3.49	7.79	7.74	7.72	10.31	10.67	11.14
3100	4.63	5.39	6.26	5.20	4.89	4.57	12.09	12.68	12.75
3120	5.61	6.59	7.72	4.34	4.01	3.70	11.16	11.06	10.48
3170	10.20	11.91	13.80	2.34	2.19	2.07	6.30	5.93	5.56
3200	14.83	16.97	19.22	1.60	1.57	1.56	4.27	4.13	4.00
3300	22.57	21.77	21.20	0.83	0.92	0.99	1.80	1.92	2.03
3400	19.16	19.29	19.46	0.67	0.75	0.81	1.23	1.38	1.50
3500	19.54	19.82	20.16	0.55	0.63	0.70	1.00	1.16	1.29
3600	21.04	21.41	21.85	0.53	0.62	0.69	0.83	0.97	1.10
3700	23.57	24.06	24.63	0.60	0.70	0.82	0.79	0.93	1.06
3800	27.82	28.69	29.63	1.00	1.25	1.57	0.69	0.83	0.95
3900	31.12	29.22	27.63	4.52	6.70	9.61	0.67	0.80	0.92
4000	24.22	25.09	25.84	4.17	3.27	2.68	0.66	0.79	0.90
4100	28.19	29.11	29.84	1.02	1.02	1.01	0.61	0.74	0.83
4200	33.15	33.29	33.57	0.52	0.61	0.66	0.59	0.74	0.83
4250	36.34	36.30	37.16	0.47	0.55	0.60	0.55	0.69	0.77
4300	39.82	39.56	39.61	0.41	0.48	0.55	0.54	0.66	0.74
4400	39.15	40.15	39.45	0.38	0.44	0.53	0.56	0.66	0.76
4500	31.97	35.35	35.44	0.48	0.43	0.53	0.62	0.63	0.73
4600	33.38	33.48	33.14	0.42	0.43	0.54	0.57	0.61	0.73
4700	34.14	31.84	33.41	0.31	0.44	0.50	0.50	0.64	0.71
4800	32.06	32.06	32.80	0.35	0.44	0.53	0.49	0.58	0.69
4900	30.70	31.72	32.97	0.29	0.42	0.52	0.42	0.59	0.68
5000	27.67	30.50	30.51	0.37	0.43	0.53	0.40	0.51	0.57
5100	29.70	28.65	28.99	0.42	0.46	0.62	0.44	0.53	0.67
5200	25.62	26.50	28.04	0.60	0.60	0.72	0.64	0.62	0.75
5300	31.30	29.39	31.03	0.42	0.55	0.64	0.47	0.58	0.71
5400	31.10	28.58	28.89	0.38	0.54	0.67	0.48	0.63	0.79
5500	29.62	29.13	30.06	0.42	0.55	0.68	0.45	0.58	0.77
5600	25.08	29.15	30.02	0.57	0.55	0.68	0.56	0.63	0.79
5700	28.50	29.05	30.24	0.47	0.51	0.67	0.43	0.51	0.69
5800	26.88	26.93	26.53	0.51	0.59	0.75	0.55	0.68	0.84
5900	27.32	24.32	25.75	0.51	0.80	0.90	0.62	0.87	1.00
6000	28.77	26.31	30.39	0.51	0.76	0.79	0.57	0.84	0.86

