

# Ceramic Band Pass Filter

# BFCN-3085A+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)	FREQUENCY (MHz)	GROUP DELAY (nsec)
10	60.29	0.05	2800	0.86
50	75.03	0.05	2820	0.85
100	74.29	0.04	2830	0.84
200	68.17	0.02	2840	0.83
300	65.42	0.00	2850	0.82
400	62.43	0.02	2860	0.82
500	59.20	0.03	2870	0.81
600	56.55	0.05	2880	0.80
700	53.99	0.08	2890	0.79
800	51.12	0.11	2900	0.79
900	48.25	0.14	2920	0.76
1000	45.39	0.17	2930	0.75
1500	31.70	0.32	2940	0.74
1750	25.22	0.40	2950	0.73
1900	21.31	0.46	2960	0.73
2000	18.63	0.49	2970	0.72
2100	15.92	0.62	2980	0.71
2200	13.16	0.82	2990	0.71
2300	10.22	1.16	3000	0.70
2400	7.40	1.95	3010	0.70
2450	5.95	2.50	3020	0.70
2500	4.62	3.37	3030	0.69
2570	3.02	5.42	3040	0.69
2600	2.50	6.74	3050	0.69
2700	1.33	14.67	3060	0.69
2800	1.11	21.03	3070	0.68
2900	1.31	12.20	3080	0.68
3000	1.51	9.47	3090	0.68
3050	1.60	8.86	3100	0.68
3085	1.63	8.76	3120	0.68
3200	1.61	9.13	3130	0.68
3300	1.48	10.78	3140	0.68
3350	1.40	12.43	3150	0.68
3400	1.35	14.88	3160	0.69
3500	1.47	19.79	3180	0.69
3600	2.25	9.92	3190	0.70
3700	4.22	4.74	3200	0.70
3800	7.48	2.44	3220	0.71
3900	11.94	1.43	3230	0.71
4000	17.57	0.97	3240	0.72
4100	25.29	0.83	3250	0.72
4200	36.25	0.76	3260	0.73
4250	35.69	0.76	3280	0.74
4300	32.67	0.74	3290	0.74
4400	29.58	0.72	3300	0.75
4500	29.01	0.70	3320	0.76
5000	38.48	0.62	3330	0.77
5300	56.71	0.57	3340	0.78
5500	46.94	0.57	3350	0.79
6000	33.27	0.61	3360	0.80
6500	34.15	0.70	3370	0.81
7000	30.98	0.89	3380	0.82
7500	27.29	1.00	3390	0.83
7800	25.70	1.05	3400	0.83

REV. X2  
BFCN-3085A+  
110801  
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