

Ceramic Band Pass Filter

BFCN-3115+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS @ +25° C (dB)	INPUT RETURN LOSS @ +25° C (dB)	OUTPUT RETURN LOSS @ +25° C (dB)
10	58.24	0.02	0.02
100	75.15	0.02	0.08
200	69.81	0.00	0.13
300	66.06	0.01	0.06
400	62.89	0.03	0.00
500	59.90	0.04	0.04
600	56.80	0.06	0.03
700	53.82	0.09	0.00
800	50.90	0.11	0.02
900	48.35	0.14	0.04
1000	45.50	0.18	0.05
1500	31.19	0.30	0.18
1850	22.47	0.41	0.30
1900	21.15	0.44	0.28
2000	18.50	0.45	0.42
2200	13.16	0.77	0.72
2300	10.28	1.08	1.07
2400	7.58	1.79	1.77
2500	4.87	3.05	3.27
2600	2.73	5.87	6.38
2700	1.44	11.46	13.71
2720	1.32	12.74	16.19
2800	1.09	15.77	22.88
2850	1.12	13.95	16.10
2900	1.22	11.89	12.65
3000	1.46	9.43	9.55
3100	1.65	8.69	8.74
3115	1.65	8.67	8.73
3200	1.59	8.95	8.86
3300	1.46	10.37	9.86
3400	1.33	13.76	13.17
3500	1.25	29.05	19.21
3570	1.45	18.40	16.44
3600	1.64	14.48	13.74
3700	2.90	7.03	7.43
3730	3.48	5.77	6.28
3800	5.26	3.73	4.32
3850	6.86	2.73	3.45
3900	8.70	2.05	2.85
4000	12.76	1.28	2.22
4100	17.93	0.98	1.94
4200	24.43	0.84	1.67
4300	33.88	0.79	1.55
4500	31.98	0.72	1.19
5000	36.43	0.62	0.72
5300	50.34	0.56	0.59
5500	42.04	0.55	0.61
6000	34.24	0.56	0.82
6500	31.97	0.64	0.62
7000	30.23	0.82	0.77
7500	25.68	1.17	0.88
8000	27.35	0.99	0.64
8160	26.12	1.07	0.75
8200	26.21	1.07	0.73

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110612
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FREQ. (MHz)	GROUP DELAY @ +25° C (nsec)
2700	0.92
2720	0.91
2760	0.89
2800	0.86
2820	0.84
2830	0.84
2840	0.83
2850	0.82
2860	0.82
2880	0.80
2900	0.78
2920	0.76
2930	0.75
2940	0.73
2950	0.72
2960	0.72
2980	0.70
3000	0.69
3020	0.68
3030	0.68
3040	0.68
3050	0.67
3060	0.67
3080	0.66
3100	0.66
3120	0.66
3140	0.66
3150	0.66
3160	0.66
3180	0.67
3200	0.68
3220	0.68
3240	0.69
3250	0.69
3260	0.70
3280	0.70
3300	0.71
3320	0.73
3340	0.74
3350	0.75
3360	0.75
3380	0.77
3400	0.78
3420	0.80
3430	0.81
3440	0.82
3450	0.82
3460	0.83
3480	0.85
3500	0.87
3520	0.88
3550	0.90
3560	0.91
3570	0.92
3600	0.94

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