

LTCC Bandpass Filter

Typical Performance Data

BFHK-1942+

FREQUENCY (GHz)	INSERTION LOSS (dB)			RETURN LOSS (dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
0.10	72.43	72.28	69.83	0.07	0.06	0.08
0.50	76.20	69.74	78.61	0.12	0.13	0.14
1.00	71.85	69.59	75.76	0.10	0.10	0.13
2.00	64.88	67.36	64.67	0.00	0.01	0.02
3.00	62.69	61.30	63.35	0.12	0.10	0.09
4.00	60.93	62.52	64.78	0.06	0.04	0.04
5.00	59.12	59.57	58.29	0.08	0.11	0.09
6.00	58.38	57.49	57.55	0.25	0.27	0.25
7.00	56.06	55.58	54.55	0.27	0.29	0.28
8.00	53.02	53.61	53.59	0.17	0.16	0.15
9.00	51.36	51.41	51.31	0.02	0.01	0.00
10.00	48.51	48.51	48.63	0.03	0.02	0.05
11.00	47.03	47.28	46.65	0.06	0.11	0.16
12.00	45.30	45.06	44.71	0.12	0.16	0.18
13.00	43.50	43.41	43.29	0.23	0.24	0.22
14.00	43.17	43.37	43.64	0.37	0.34	0.32
15.00	59.69	62.97	51.34	0.32	0.37	0.37
16.00	26.94	24.96	22.71	0.21	0.33	0.37
17.00	7.29	5.56	3.96	1.77	2.79	4.38
17.50	1.37	1.17	1.03	10.73	14.11	19.02
17.70	0.84	0.87	0.91	18.14	20.31	19.46
17.90	0.70	0.79	0.87	20.97	20.46	17.81
18.10	0.67	0.76	0.84	19.19	19.62	17.62
18.30	0.64	0.73	0.79	18.55	19.93	18.65
18.50	0.63	0.73	0.76	19.17	21.16	20.51
18.70	0.60	0.69	0.72	21.06	23.36	23.43
18.90	0.57	0.67	0.71	23.77	25.97	26.39
19.10	0.56	0.68	0.71	26.42	27.01	26.11
19.30	0.56	0.71	0.75	27.25	25.32	23.43
19.50	0.59	0.75	0.76	24.62	22.64	21.11
19.70	0.64	0.79	0.82	21.61	19.94	18.96
19.90	0.68	0.84	0.85	19.58	18.22	17.61
20.10	0.72	0.90	0.86	18.56	17.30	17.09
20.30	0.78	0.96	0.90	17.11	16.13	16.43
20.50	0.82	1.02	0.94	16.41	15.77	16.32
20.70	0.83	1.01	0.99	16.15	15.98	16.71
20.90	0.89	1.05	1.00	16.17	16.51	17.36
21.10	0.90	1.09	1.06	16.79	17.32	17.93
21.20	0.89	1.07	1.06	17.09	17.58	18.05
21.50	0.94	1.17	1.18	17.23	16.61	17.54
22.00	1.12	1.36	1.57	16.45	17.37	16.88
23.00	11.36	14.74	86.74	1.17	0.97	0.87
24.00	31.74	34.71	83.60	0.40	0.47	0.49
25.00	52.05	56.33	91.62	0.27	0.38	0.37
26.00	82.54	66.66	82.71	0.34	0.49	0.43
27.00	66.09	71.79	83.71	0.45	0.65	0.54
28.00	65.87	65.89	84.71	0.37	0.54	0.38
29.00	67.87	62.46	85.71	0.31	0.40	0.33
30.00	57.56	60.65	86.71	0.23	0.38	0.35
31.00	60.73	56.09	87.71	0.40	0.68	0.44
32.00	59.70	58.99	88.71	0.59	0.78	0.43
33.00	55.60	58.21	89.71	0.33	0.49	0.28
34.00	54.99	53.42	90.71	0.43	0.64	0.47
35.00	52.32	55.35	91.71	0.88	1.17	0.85