

LTCC Low Pass Filter

Typical Performance Data

LFCW-482+

FREQUENCY (GHz)	INSERTION LOSS (dB)			RETURN LOSS (dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
0.50	0.01	0.05	0.09	34.95	31.67	29.13
1.00	0.02	0.09	0.16	27.08	25.32	23.64
1.20	0.03	0.11	0.19	24.99	23.68	22.43
1.40	0.04	0.13	0.22	23.27	22.41	21.62
1.60	0.05	0.15	0.24	21.66	21.29	20.97
1.80	0.06	0.17	0.27	20.36	20.40	20.53
2.00	0.07	0.18	0.29	19.25	19.63	20.19
2.20	0.09	0.20	0.31	18.34	18.99	19.95
2.40	0.10	0.22	0.34	17.40	18.30	19.61
2.60	0.12	0.24	0.36	16.77	17.94	19.58
2.80	0.13	0.26	0.38	16.14	17.53	19.43
3.00	0.15	0.28	0.42	15.85	17.36	19.51
3.20	0.16	0.31	0.45	15.72	17.37	19.73
3.40	0.17	0.33	0.48	15.84	17.60	20.18
3.60	0.17	0.35	0.53	16.31	18.16	20.88
3.80	0.18	0.37	0.57	17.09	18.99	21.78
4.00	0.18	0.40	0.62	18.36	20.24	23.00
4.20	0.20	0.44	0.68	20.56	22.23	24.81
4.40	0.22	0.49	0.77	23.65	24.75	26.54
4.60	0.28	0.58	0.89	26.73	26.65	26.74
4.80	0.38	0.71	1.09	27.02	25.06	22.90
5.00	0.58	0.99	1.45	20.65	18.52	16.46
5.20	1.14	1.70	2.36	12.24	11.19	10.10
5.40	2.78	3.56	4.50	5.95	5.67	5.36
5.60	6.42	7.39	8.54	2.39	2.52	2.67
5.80	11.83	12.88	14.13	0.92	1.19	1.51
6.00	18.24	19.37	20.78	0.36	0.67	1.05
6.20	25.63	26.93	28.67	0.13	0.45	0.84
6.40	35.06	36.94	39.24	0.01	0.35	0.73
6.60	52.85	53.45	52.07	0.08	0.26	0.65
6.80	45.29	45.09	45.32	0.12	0.23	0.61
7.00	43.79	44.54	45.74	0.16	0.19	0.57
7.20	46.66	48.07	49.63	0.18	0.18	0.56
7.40	54.34	56.18	59.36	0.20	0.17	0.56
7.60	51.12	49.82	48.84	0.19	0.18	0.57
7.80	43.42	43.17	43.16	0.18	0.20	0.60
8.00	39.29	39.68	39.50	0.17	0.21	0.62
8.20	37.12	37.34	37.52	0.15	0.23	0.67
8.40	35.42	35.81	35.97	0.12	0.27	0.71
8.60	34.37	34.78	35.00	0.10	0.29	0.75
8.80	33.45	33.79	34.35	0.12	0.29	0.75
9.00	33.26	33.55	34.22	0.13	0.29	0.77
9.20	33.15	33.55	34.29	0.18	0.25	0.74
9.40	33.10	33.68	34.46	0.41	0.03	0.60
9.60	34.04	34.63	35.54	0.24	0.19	0.71
9.80	34.94	35.59	36.68	0.17	0.25	0.70
10.00	35.83	36.53	37.81	0.01	0.44	0.84
10.20	37.03	37.66	39.27	0.15	0.29	0.74
10.40	38.50	39.52	41.37	0.23	0.21	0.69
10.60	40.50	41.84	43.84	0.27	0.18	0.67
10.80	42.98	44.93	47.57	0.33	0.12	0.63
11.00	46.83	49.32	53.28	0.38	0.08	0.60
11.20	52.82	56.12	56.83	0.41	0.05	0.59
11.40	58.00	54.47	50.81	0.45	0.02	0.59
11.60	49.56	47.91	45.92	0.49	0.01	0.60
11.80	44.69	43.90	42.59	0.52	0.04	0.61
12.00	41.45	41.24	40.40	0.54	0.04	0.65
12.20	39.17	39.09	38.53	0.54	0.03	0.70
12.40	37.27	37.34	36.74	0.57	0.04	0.74
12.60	35.51	35.98	35.31	0.57	0.03	0.82
12.80	34.39	34.85	34.35	0.60	0.03	0.85
13.00	33.43	33.67	33.43	0.61	0.01	0.90
13.20	32.35	32.77	32.50	0.65	0.01	0.93
13.40	31.30	31.72	31.46	0.65	0.01	0.97
13.60	30.67	30.89	30.84	0.63	0.05	1.02
13.80	29.59	30.00	30.06	0.63	0.09	1.03
14.00	28.66	29.22	29.30	0.66	0.11	1.03