

Coaxial Reflectionless Low Pass Filter

ZXLF-K982+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)			INPUT RETURN LOSS (dB)			OUTPUT RETURN LOSS (dB)		
	@ -40°C	@ +25°C	@ +85°C	@ -40°C	@ +25°C	@ +85°C	@ -40°C	@ +25°C	@ +85°C
10	0.30	0.31	0.33	35.53	37.40	40.04	35.37	37.14	39.81
50	0.31	0.32	0.34	37.30	38.81	40.20	36.88	38.61	40.18
100	0.32	0.34	0.35	37.71	39.35	41.59	37.23	39.33	41.95
500	0.39	0.43	0.46	33.83	32.59	32.38	32.48	31.39	31.12
1000	0.46	0.51	0.54	25.16	24.84	24.77	24.48	24.12	23.92
1500	0.55	0.60	0.63	20.78	20.88	20.97	20.53	20.53	20.47
2000	0.63	0.68	0.71	18.38	18.52	18.58	18.47	18.51	18.44
2500	0.70	0.75	0.78	17.17	17.17	17.12	17.46	17.40	17.28
3000	0.74	0.80	0.84	16.61	16.48	16.30	16.94	16.83	16.65
3500	0.76	0.84	0.89	16.37	16.16	15.92	16.71	16.60	16.41
4000	0.79	0.87	0.92	16.28	16.05	15.83	16.66	16.48	16.28
4500	0.81	0.90	0.96	16.45	16.16	15.98	16.81	16.50	16.29
5000	0.83	0.93	1.00	16.71	16.46	16.28	16.85	16.58	16.40
5500	0.87	0.97	1.04	16.78	16.81	16.70	16.71	16.77	16.70
6000	0.91	1.01	1.08	17.03	17.35	17.34	16.77	17.16	17.22
6500	0.94	1.06	1.13	17.73	18.23	18.32	17.31	17.82	17.96
7000	0.98	1.10	1.18	19.11	19.45	19.51	18.32	18.61	18.71
7500	1.03	1.16	1.25	20.53	20.78	20.79	19.20	19.31	19.32
8000	1.08	1.23	1.31	21.43	22.13	22.24	19.75	20.04	20.01
8500	1.15	1.30	1.39	22.21	23.74	24.03	20.32	21.03	20.96
9000	1.22	1.38	1.48	23.75	25.77	26.05	21.35	22.14	21.93
9800	1.37	1.55	1.67	29.81	30.70	29.84	24.00	23.70	23.02
10000	1.42	1.61	1.72	32.03	32.09	30.86	24.45	23.96	23.23
11000	1.72	1.93	2.06	30.54	29.57	28.02	26.59	26.65	26.65
12000	2.19	2.43	2.58	21.68	21.81	21.61	24.67	24.80	24.92
12800	2.73	2.99	3.17	19.38	20.05	20.55	20.37	20.94	21.06
13000	2.89	3.16	3.34	19.36	19.90	20.55	19.61	20.16	20.38
14000	3.83	4.16	4.38	20.96	20.36	20.57	17.50	17.27	17.34
15000	5.14	5.50	5.75	18.77	19.33	19.44	15.36	15.71	15.75
16000	6.85	7.20	7.46	15.88	17.12	17.46	14.97	15.62	15.84
17000	8.81	9.23	9.53	14.87	15.43	15.67	16.00	16.35	16.57
18000	11.27	11.78	12.11	12.87	12.37	12.21	14.21	15.28	15.70
19000	14.44	15.02	15.36	8.62	8.94	8.98	12.41	11.82	11.98
19200	15.17	15.75	16.09	8.00	8.44	8.50	11.78	11.08	11.19
19400	15.93	16.50	16.84	7.45	7.99	8.08	11.01	10.39	10.48
19600	16.72	17.26	17.60	6.98	7.57	7.71	10.21	9.76	9.80
19800	17.52	18.04	18.37	6.64	7.24	7.39	9.39	9.16	9.18
20000	18.34	18.85	19.17	6.41	6.95	7.08	8.58	8.62	8.66
20200	19.16	19.64	19.96	6.24	6.70	6.80	7.88	8.14	8.20
20400	19.98	20.45	20.75	6.07	6.47	6.56	7.30	7.67	7.74
20600	20.80	21.25	21.54	5.96	6.29	6.39	6.80	7.27	7.34
20800	21.59	22.04	22.32	5.91	6.12	6.22	6.42	6.93	7.00
21000	22.37	22.84	23.11	5.90	5.98	6.07	6.08	6.59	6.68
21200	23.13	23.61	23.86	5.89	5.86	5.92	5.84	6.31	6.41
21400	23.86	24.36	24.59	5.87	5.76	5.80	5.68	6.07	6.17
21600	24.57	25.07	25.27	5.83	5.68	5.72	5.56	5.87	5.96
21800	25.23	25.74	25.90	5.83	5.62	5.66	5.46	5.70	5.77
22000	25.88	26.36	26.46	5.73	5.55	5.62	5.34	5.54	5.61
22500	27.30	27.55	27.50	5.51	5.51	5.63	5.03	5.25	5.34
23000	28.20	28.11	27.89	5.25	5.59	5.78	4.73	5.10	5.22
23500	28.36	28.01	27.66	5.25	5.87	6.13	4.68	5.14	5.29
24000	27.84	27.40	27.02	5.52	6.34	6.66	4.93	5.32	5.51
24500	26.88	26.53	26.17	6.11	6.91	7.27	5.46	5.68	5.89
25000	25.77	25.60	25.31	6.94	7.46	7.82	6.12	6.21	6.43
25500	24.76	24.73	24.51	7.84	7.74	8.02	6.69	6.85	7.12
26000	23.97	23.99	23.81	7.90	7.58	7.80	7.16	7.55	7.92
26500	23.24	23.22	23.07	7.10	7.08	7.32	7.64	8.13	8.57
27000	23.92	23.82	23.67	6.30	6.78	7.04	8.38	8.72	9.12
27500	23.19	23.13	23.06	5.64	6.40	6.66	8.38	8.70	9.01
28000	22.91	22.85	22.82	5.31	6.17	6.41	7.99	8.38	8.61
28500	22.65	22.69	22.69	5.35	6.06	6.25	7.45	7.86	8.04
29000	22.44	22.74	22.72	5.66	6.02	6.12	7.15	7.32	7.41
29500	22.48	22.78	23.03	5.34	5.54	5.69	7.00	6.82	6.83
30000	21.94	22.52	22.68	5.53	5.53	5.58	6.83	6.45	6.47
30500	21.95	22.48	22.62	5.44	5.50	5.59	6.42	6.19	6.26
31000	22.09	22.44	22.58	5.21	5.52	5.66	5.86	5.98	6.08
31500	22.15	22.36	22.51	5.06	5.61	5.79	5.43	5.81	5.89
32000	22.03	22.20	22.37	5.14	5.80	5.97	5.29	5.76	5.78
32500	21.70	21.98	22.17	5.64	6.09	6.18	5.37	5.73	5.73
33000	21.29	21.70	21.90	6.25	6.31	6.33	5.53	5.80	5.81
33500	20.72	21.17	21.31	6.92	6.47	6.44	5.79	5.95	5.97
34000	21.53	22.01	22.11	6.83	6.23	6.20	5.80	5.92	5.99



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