

Coaxial Reflectionless Low Pass Filter

ZXLF-K172H+

Typical Performance Data

FREQ.	Insertion Loss	Input Return Loss	Output Return Loss	FREQ.	Group Delay
(MHz)	(dB)	(dB)	(dB)	(MHz)	(ns)
1	1.06	22.64	22.55	1	0.38
5	1.05	22.46	22.42	10	0.38
10	1.04	22.66	22.65	20	0.38
20	1.01	23.15	23.17	50	0.38
40	1.05	23.13	23.14	100	0.36
60	1.02	23.48	23.51	130	0.36
100	1.09	22.98	23.06	160	0.35
160	1.14	22.42	22.47	190	0.35
200	1.17	22.18	22.07	220	0.35
240	1.21	21.75	21.82	250	0.35
300	1.24	21.33	21.40	280	0.35
360	1.28	20.96	20.96	310	0.35
400	1.31	20.63	20.69	340	0.35
440	1.33	20.38	20.40	370	0.35
500	1.37	19.94	19.95	400	0.35
560	1.41	19.59	19.59	430	0.35
600	1.44	19.29	19.32	460	0.35
680	1.50	18.85	18.85	490	0.35
700	1.52	18.75	18.73	520	0.35
800	1.60	18.17	18.23	550	0.35
900	1.68	17.72	17.72	580	0.35
1000	1.77	17.37	17.37	610	0.35
1500	2.21	17.10	17.09	640	0.35
2000	2.68	21.17	21.43	670	0.35
2600	3.80	20.60	21.97	700	0.35
3000	5.61	18.15	18.79	730	0.35
3400	10.79	19.60	21.37	760	0.35
3600	18.16	18.75	20.14	790	0.35
3700	25.16	17.96	19.28	820	0.35
3800	36.88	17.03	18.22	850	0.35
4000	52.34	15.06	16.14	880	0.35
4500	38.93	12.18	13.38	910	0.35
5000	45.46	12.73	13.85	940	0.35
5500	43.84	14.27	14.92	970	0.35
6000	36.36	16.23	15.98	1000	0.35
6500	35.03	17.97	16.30	1030	0.35
7000	37.44	19.66	16.31	1060	0.36
7500	42.93	21.37	16.65	1090	0.36
8000	53.46	23.68	17.94	1120	0.36
8500	63.35	28.02	20.45	1150	0.36
9000	55.57	39.18	23.71	1180	0.36
9500	54.46	27.95	22.12	1210	0.36
10000	54.98	21.50	17.89	1240	0.36
10500	58.34	17.78	14.68	1270	0.36
11000	68.81	15.20	12.44	1300	0.36
11500	57.51	13.35	10.84	1330	0.36
11000	68.81	15.20	12.44	1360	0.36
11500	57.51	13.35	10.84	1390	0.36
12000	51.25	11.95	9.71	1420	0.36
13000	45.55	10.09	8.41	1450	0.37
13500	44.13	9.47	8.07	1480	0.37
14000	43.23	8.98	7.88	1510	0.37
15000	42.51	8.24	7.84	1540	0.37
15500	42.53	7.99	7.96	1570	0.37
16000	42.76	7.81	8.19	1600	0.37
17000	43.71	7.67	8.93	1630	0.37
18000	45.12	7.78	9.94	1660	0.38
18500	45.89	7.91	10.42	1800	0.39
19000	46.59	8.04	10.69	1900	0.39
20000	48.47	8.31	10.32	2000	0.40