

Coaxial Reflectionless Low Pass Filter

ZXLF-K551+

Typical Performance Data

FREQ.	Insertion Loss	Input Return Loss	Output Return Loss
(MHz)	(dB)	(dB)	(dB)
1	0.65	30.90	31.06
5	0.64	31.27	31.23
10	0.64	31.17	31.22
15	0.64	31.06	31.20
25	0.65	30.94	31.02
50	0.60	31.68	31.81
100	0.69	29.97	30.24
250	0.84	25.36	25.86
400	1.04	22.20	22.73
420	1.08	21.87	22.40
500	1.28	20.93	21.46
550	1.44	20.42	20.99
600	1.66	20.26	20.82
610	1.72	20.26	20.82
770	3.19	21.73	22.44
900	5.73	25.49	26.53
980	8.13	26.70	27.73
1000	8.84	26.66	27.59
1050	10.81	25.84	26.62
1140	15.14	24.45	25.08
1250	21.76	23.76	24.16
1500	19.61	24.36	24.58
1750	16.22	26.10	26.16
2000	15.17	28.23	28.20
2500	15.00	29.35	30.26
3000	15.59	25.79	27.02
3500	16.33	23.01	23.62
4000	17.00	20.92	21.08
4500	17.44	19.40	19.15
5000	17.42	18.31	17.68
5200	17.20	17.69	16.90
5800	15.22	16.14	15.13
6000	13.82	15.31	14.39
6500	10.75	14.78	15.43
7000	18.55	20.22	20.48
7500	24.64	21.01	19.28
8000	28.10	20.94	18.66
8500	29.79	21.09	18.95
9000	30.28	21.00	19.28
9500	30.12	20.60	19.71
10000	29.65	19.87	19.97
10500	29.05	18.75	19.69
11000	28.42	17.48	18.77
11500	27.82	16.13	17.36
12000	27.26	14.91	15.95
12500	26.75	13.78	14.59
13000	26.29	12.76	13.37
13500	25.87	11.82	12.34
14000	25.50	11.04	11.46
14200	25.35	10.71	11.15
14500	25.16	10.32	10.72
15000	24.84	9.74	10.08
15200	24.70	9.53	9.84
15500	24.54	9.23	9.53
16000	24.25	8.86	9.05
16250	24.14	8.69	8.82
17000	23.81	8.28	8.27
17250	23.71	8.17	8.10
17500	23.62	8.09	7.94
18500	23.35	7.84	7.30

FREQ.	Group Delay
(MHz)	(ns)
1	0.25
5	0.29
10	0.36
15	0.43
16	0.43
17	0.43
18	0.43
19	0.43
20	0.44
21	0.44
22	0.44
23	0.44
24	0.44
25	0.44
26	0.44
27	0.44
28	0.44
29	0.43
30	0.44
31	0.44
32	0.44
33	0.44
34	0.45
35	0.45
36	0.45
50	0.43
100	0.43
110	0.43
120	0.43
130	0.43
140	0.43
150	0.43
160	0.43
170	0.43
180	0.43
190	0.43
200	0.43
210	0.43
220	0.43
230	0.43
240	0.43
250	0.44
260	0.44
270	0.44
280	0.44
240	0.43
250	0.44
260	0.44
270	0.44
280	0.44
290	0.44
300	0.44
310	0.44
320	0.45
350	0.45
400	0.47
450	0.48
500	0.50
520	0.51
550	0.52