

Coaxial Reflectionless Low Pass Filter

ZXLF-K122+

Typical Performance Data

FREQ.	Insertion Loss	Input Return Loss	Output Return Loss
(MHz)	(dB)	(dB)	(dB)
1	0.50	38.55	38.70
5	0.48	40.19	39.79
10	0.48	39.83	39.82
15	0.49	39.46	39.64
25	0.49	39.14	39.18
50	0.45	40.07	40.65
100	0.53	36.48	36.73
150	0.58	33.27	33.30
400	0.72	24.67	24.77
500	0.78	22.69	22.70
800	1.03	18.72	18.85
1000	1.30	17.31	17.41
1150	1.61	16.84	16.97
1280	2.01	16.93	17.10
1500	3.19	18.81	19.04
1510	3.26	18.95	19.20
1550	3.58	19.56	19.86
1600	4.04	20.49	20.79
2000	10.51	20.60	21.05
2150	14.44	19.10	19.53
2190	15.66	18.84	19.29
2200	15.98	18.78	19.23
2300	19.47	18.35	18.75
2320	20.23	18.30	18.71
2400	23.27	18.11	18.57
2500	25.52	18.07	18.53
2600	24.31	18.10	18.60
2700	22.10	18.23	18.72
3000	17.92	18.75	19.37
3500	15.45	20.12	20.88
4000	14.79	21.63	22.77
4200	14.72	22.31	23.67
4500	14.75	23.22	24.98
5000	15.02	24.16	27.07
5500	15.40	24.22	28.25
5600	15.48	24.08	28.30
6000	15.83	23.48	27.95
6500	16.25	22.60	27.22
7000	16.63	22.33	27.02
7500	16.92	22.56	27.52
7900	17.08	22.51	26.37
8000	17.10	22.45	26.22
8100	17.12	22.44	25.95
8700	17.04	22.45	23.27
9000	16.83	22.09	21.69
9300	16.47	21.36	19.97
10000	14.84	17.53	15.55
11000	10.96	10.74	9.99
14000	25.01	21.23	19.05
15000	25.66	18.35	17.07
16000	25.44	17.30	16.38
18000	24.17	15.92	16.81
18500	23.85	15.53	17.02
19000	23.55	15.17	16.96
19500	23.26	14.85	16.61
20000	23.00	14.46	15.83
20200	22.92	14.24	15.37
20500	22.80	13.81	14.60
20800	22.70	13.29	13.73
21000	22.66	12.90	13.08

FREQ.	Group Delay
(MHz)	(ns)
1	0.20
5	0.20
10	0.24
15	0.31
20	0.32
25	0.31
50	0.31
70	0.31
80	0.30
90	0.30
100	0.30
110	0.30
120	0.30
130	0.30
140	0.30
150	0.30
160	0.30
170	0.30
180	0.30
190	0.30
200	0.30
210	0.30
220	0.30
230	0.30
240	0.30
250	0.30
260	0.30
270	0.30
280	0.30
290	0.30
300	0.30
310	0.30
320	0.30
330	0.30
340	0.30
350	0.30
370	0.30
400	0.30
450	0.30
500	0.31
550	0.31
600	0.31
650	0.31
700	0.31
720	0.31
750	0.32
780	0.32
800	0.32
820	0.32
850	0.32
880	0.33
900	0.33
920	0.33
950	0.33
980	0.34
1000	0.34
1050	0.34
1100	0.35
1120	0.35
1150	0.36