

Coaxial Reflectionless Low Pass Filter

ZXLF-K421+

Typical Performance Data

FREQ.	Insertion Loss	Input Return Loss	Output Return Loss
(MHz)	(dB)	(dB)	(dB)
1	0.72	29.37	29.39
5	0.70	29.39	29.37
10	0.70	29.26	29.34
15	0.70	29.21	29.31
25	0.71	29.15	29.19
50	0.67	29.46	29.54
100	0.76	27.37	27.48
250	0.97	22.16	22.25
400	1.36	19.04	19.08
420	1.44	18.80	18.84
500	1.91	18.19	18.25
550	2.36	18.29	18.39
600	3.01	18.89	19.03
610	3.17	19.06	19.21
750	6.81	22.64	23.02
900	14.53	21.07	21.09
980	20.73	20.34	20.32
1000	22.38	20.24	20.21
1050	24.80	20.03	20.05
1100	23.38	20.06	20.09
1250	18.08	20.57	20.73
1500	15.26	21.95	22.37
1750	14.67	23.82	24.57
2000	14.71	25.51	26.58
2500	15.49	28.04	29.22
3000	16.45	25.66	26.32
3500	17.35	22.38	22.99
4000	17.93	19.81	20.80
4500	17.99	17.62	18.72
5000	16.92	15.32	16.47
5200	15.91	14.37	15.55
5500	13.44	12.45	13.35
6000	13.10	17.07	16.02
6500	21.55	28.71	31.19
7000	26.44	22.16	26.74
7500	28.76	20.67	24.73
8000	29.59	20.11	22.91
8500	29.51	19.95	21.18
9000	29.07	19.99	19.67
9500	28.46	19.72	18.23
10000	27.81	19.12	16.92
10500	27.18	17.91	15.66
11000	26.59	16.46	14.53
11500	26.07	14.92	13.46
12000	25.61	13.55	12.60
12500	25.21	12.33	11.79
13000	24.85	11.28	11.04
13500	24.54	10.34	10.39
14000	24.27	9.58	9.78
14200	24.16	9.27	9.55
14500	24.02	8.91	9.19
15000	23.90	8.33	8.60
15200	23.80	8.12	8.35
15500	23.70	7.82	7.99
16000	23.54	7.35	7.36
16250	23.51	7.14	7.07
17000	25.36	7.00	6.73
17250	28.92	7.36	7.04
17500	34.56	7.88	7.52
18000	29.93	10.35	9.89

FREQ.	Group Delay
(MHz)	(ns)
1	0.30
5	0.35
10	0.42
15	0.49
16	0.49
17	0.48
18	0.49
19	0.49
20	0.49
21	0.50
22	0.50
23	0.50
24	0.49
25	0.49
26	0.49
27	0.49
28	0.49
29	0.49
30	0.49
31	0.49
32	0.49
33	0.50
34	0.50
35	0.50
36	0.50
40	0.49
50	0.49
60	0.49
70	0.49
80	0.48
90	0.48
100	0.48
110	0.48
120	0.48
130	0.48
140	0.48
150	0.48
160	0.49
170	0.49
180	0.49
190	0.49
200	0.49
210	0.49
220	0.50
230	0.50
240	0.50
250	0.50
260	0.51
270	0.51
280	0.51
290	0.52
300	0.52
310	0.52
320	0.53
330	0.53
340	0.54
350	0.54
360	0.55
400	0.57
420	0.58