

Coaxial Low Pass Filter

ZLFW-K6300+

Typical Performance Data

FREQ.	Insertion Loss	Input Return Loss	Output Return Loss
(MHz)	(dB)	(dB)	(dB)
10	0.08	39.17	39.09
100	0.15	33.26	33.14
200	0.20	30.50	30.19
300	0.24	29.00	28.60
400	0.27	28.06	27.57
500	0.30	27.47	26.79
600	0.32	27.10	26.25
700	0.35	26.88	25.80
800	0.37	26.76	25.55
900	0.39	26.71	25.35
1000	0.41	26.71	25.20
1200	0.44	26.66	25.09
1400	0.47	26.40	25.08
1600	0.50	25.77	25.11
1800	0.53	24.83	25.19
2000	0.56	23.68	25.15
2500	0.64	21.16	24.71
3000	0.73	19.70	23.38
3500	0.83	19.60	21.71
4000	0.91	21.15	20.66
4500	0.98	25.11	21.39
5000	1.09	24.46	23.92
5500	1.30	18.36	20.49
5800	1.46	16.35	17.40
6000	1.57	15.70	16.04
6300	1.73	15.86	15.42
7200	2.91	14.80	23.28
7700	10.13	3.65	6.11
7980	20.07	1.94	3.26
8240	30.07	1.51	2.30
8600	45.75	1.26	1.64
8800	58.12	1.18	1.42
9000	64.39	1.10	1.25
9300	58.91	1.03	1.08
9500	58.15	0.99	1.01
9800	56.61	0.94	0.94
10000	55.08	0.93	0.91
10250	52.91	0.91	0.90
10500	50.77	0.90	0.89
10750	48.80	0.90	0.90
11000	47.07	0.91	0.91
11250	45.57	0.91	0.93
11500	44.27	0.94	0.95
11750	43.15	0.96	0.98
12000	42.17	0.98	1.00
12200	41.51	1.00	1.01
12500	40.62	1.03	1.03
12700	40.11	1.04	1.03
13000	39.47	1.06	1.04
13200	39.12	1.08	1.04
13500	38.67	1.10	1.05
13700	38.40	1.10	1.05
14000	38.06	1.10	1.02
14300	37.78	1.10	1.00
15000	37.25	1.06	0.95
16000	36.60	0.98	0.85
17000	35.91	0.89	0.76
18300	35.03	0.83	0.77
20000	35.30	1.02	0.96
26500	28.15	2.40	1.05

FREQ.	Group Delay
(MHz)	(ns)
10	0.24
50	0.24
100	0.25
150	0.25
200	0.24
250	0.24
300	0.24
350	0.24
400	0.24
450	0.24
500	0.24
550	0.24
600	0.24
650	0.24
700	0.24
750	0.24
800	0.24
850	0.24
900	0.24
1000	0.24
1100	0.24
1200	0.24
1300	0.24
1400	0.24
1500	0.24
1600	0.24
1700	0.24
1800	0.25
1900	0.25
2000	0.25
2100	0.25
2200	0.25
2300	0.25
2400	0.25
2500	0.25
2600	0.25
2700	0.25
2800	0.25
2900	0.25
3000	0.26
3100	0.26
3200	0.26
3300	0.26
3400	0.26
3500	0.26
3600	0.26
3700	0.27
3800	0.27
3900	0.27
4000	0.27
4100	0.27
4200	0.28
4300	0.28
4400	0.28
4500	0.29
4800	0.30
5000	0.30
5500	0.32
6000	0.35
6300	0.38



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