

# Coaxial Low Pass Filter

# ZLFW-K6500+

## Typical Performance Data

FREQ.	Insertion Loss	Input Return Loss	Output Return Loss
(MHz)	(dB)	(dB)	(dB)
10	0.07	40.04	40.29
100	0.13	33.35	33.32
200	0.18	30.01	29.94
300	0.21	28.07	27.95
400	0.25	26.73	26.55
500	0.27	25.72	25.48
600	0.29	24.93	24.62
700	0.31	24.27	23.89
800	0.34	23.72	23.28
900	0.35	23.24	22.74
1000	0.37	22.81	22.29
1200	0.40	22.05	21.51
1400	0.44	21.38	20.89
1600	0.47	20.73	20.37
1800	0.50	20.12	19.96
2000	0.53	19.53	19.61
2500	0.61	18.30	19.05
3000	0.69	17.62	18.87
3500	0.77	17.82	19.12
4000	0.83	19.21	19.85
4500	0.89	22.27	21.06
5000	0.96	26.26	22.13
5500	1.09	24.23	21.45
6000	1.28	21.40	20.07
6200	1.37	20.83	19.79
6500	1.52	19.82	19.51
7500	3.03	12.44	18.20
7960	9.93	3.92	5.66
8240	20.07	2.25	2.98
8480	30.27	1.86	2.28
8600	36.15	1.74	2.08
8800	48.82	1.60	1.83
9000	56.14	1.49	1.66
9300	55.35	1.35	1.47
9500	60.02	1.27	1.37
9800	63.61	1.17	1.26
10000	60.32	1.12	1.21
10250	59.57	1.05	1.15
10500	62.17	1.01	1.11
10750	69.61	0.97	1.08
11000	61.66	0.94	1.05
11250	55.09	0.91	1.04
11500	51.04	0.90	1.02
11750	48.25	0.89	1.01
12000	46.13	0.89	1.01
12200	44.76	0.89	1.00
12500	43.12	0.89	1.00
12700	42.21	0.90	1.00
13000	41.08	0.92	1.00
13200	40.44	0.92	1.00
13500	39.60	0.94	1.01
13700	39.12	0.96	1.01
14000	38.47	0.99	1.00
14500	37.57	1.02	1.00
15000	36.78	1.05	0.99
16000	35.40	1.07	0.95
17000	34.10	1.05	0.91
18500	32.66	0.97	0.94
20000	33.85	0.99	1.25
26500	21.45	5.23	1.24

FREQ.	Group Delay
(MHz)	(ns)
10	0.24
50	0.24
100	0.24
150	0.23
200	0.23
250	0.23
300	0.23
350	0.23
400	0.23
450	0.23
500	0.23
550	0.23
600	0.23
650	0.23
700	0.23
750	0.23
800	0.23
850	0.23
900	0.23
1000	0.23
1100	0.23
1200	0.23
1300	0.23
1400	0.23
1500	0.23
1600	0.23
1700	0.23
1800	0.23
1900	0.23
2000	0.23
2100	0.23
2200	0.23
2300	0.23
2400	0.23
2500	0.23
2600	0.24
2700	0.24
2800	0.24
2900	0.24
3000	0.24
3100	0.24
3200	0.24
3300	0.24
3400	0.24
3500	0.24
3600	0.25
3700	0.25
3800	0.25
3900	0.25
4000	0.25
4100	0.25
4200	0.26
4300	0.26
4400	0.26
4500	0.26
4800	0.27
5000	0.28
5500	0.29
6000	0.32
6500	0.36



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