

Coaxial Reflectionless Low Pass Filter

ZXLF-K312H+

Typical Performance Data

FREQ.	Insertion Loss	Input Return Loss	Output Return Loss	FREQ.	Group Delay
(MHz)	(dB)	(dB)	(dB)	(MHz)	(ns)
1	0.73	28.39	28.52	1	0.03
5	0.73	28.47	28.50	5	0.11
10	0.73	28.43	28.50	10	0.20
15	0.73	28.40	28.53	15	0.27
25	0.74	28.40	28.47	20	0.28
50	0.69	29.20	29.20	25	0.27
100	0.77	28.21	28.27	50	0.27
250	0.87	25.52	25.75	70	0.27
300	0.89	24.64	24.84	100	0.26
500	0.99	21.74	22.03	150	0.26
750	1.12	18.95	19.34	200	0.26
1000	1.25	17.12	17.47	250	0.26
1200	1.36	16.08	16.44	300	0.26
1500	1.52	15.06	15.33	350	0.26
1600	1.57	14.91	15.18	400	0.26
1800	1.67	14.69	14.84	450	0.25
2000	1.76	14.69	14.78	500	0.25
2100	1.79	14.82	14.85	550	0.25
2200	1.83	14.98	14.96	600	0.25
2300	1.86	15.17	15.11	650	0.25
2400	1.89	15.44	15.36	700	0.25
2500	1.93	15.78	15.61	750	0.25
2600	1.96	16.21	15.91	800	0.25
2800	1.99	17.19	16.73	850	0.25
3000	2.05	18.68	17.82	900	0.25
3100	2.08	19.54	18.39	950	0.25
3300	2.13	21.77	19.72	1000	0.25
3500	2.21	24.33	20.87	1100	0.25
3530	2.22	24.83	21.01	1200	0.25
3600	2.26	25.70	21.18	1300	0.25
3800	2.33	27.15	21.31	1400	0.25
4000	2.43	25.68	20.57	1500	0.25
4500	2.72	20.36	18.04	1600	0.25
5000	3.06	18.27	17.21	1700	0.25
5500	3.48	18.89	18.19	1800	0.25
5600	3.59	19.38	18.58	1900	0.25
6000	4.14	22.73	20.52	2000	0.25
6500	5.26	23.75	19.92	2100	0.25
7000	7.37	18.68	17.61	2200	0.25
7500	11.68	17.99	18.73	2300	0.25
7900	17.85	20.99	23.79	2400	0.25
8000	19.71	22.37	26.06	2500	0.25
8050	20.66	22.91	27.15	2600	0.25
8700	30.89	24.30	28.00	2700	0.25
9000	35.48	23.93	28.59	2800	0.25
9300	40.31	24.29	29.80	2900	0.25
10000	44.32	23.87	28.93	3000	0.26
12000	47.88	16.18	16.07	3050	0.26
14000	55.91	12.14	11.37	3100	0.26
15000	52.87	11.27	10.93	3150	0.26
16000	53.33	10.93	11.29	3200	0.26
18000	57.89	11.39	12.85	3250	0.26
18500	56.97	11.78	13.10	3300	0.26
19000	54.95	12.28	13.00	3350	0.26
19500	53.00	12.78	12.73	3400	0.26
20000	51.50	13.11	12.29	3450	0.26
20500	50.11	13.03	11.64	3500	0.26
21000	49.14	12.45	10.93	3510	0.26
21500	48.29	11.47	10.26	3520	0.26
22000	47.67	10.36	9.61	3530	0.26