

Coaxial Reflectionless High Pass Filter

ZXHF-K721M+

Typical Performance Data

FREQ.	Insertion Loss	Input Return Loss	Output Return Loss	FREQ.	Group Delay
(MHz)	(dB)	(dB)	(dB)	(MHz)	(ns)
1	47.02	10.18	10.34	700	0.94
5	46.63	10.30	10.34	750	0.78
10	45.31	10.33	10.38	800	0.67
20	41.98	10.46	10.50	850	0.60
30	38.56	10.60	10.64	900	0.54
50	33.69	11.17	11.17	950	0.49
100	30.60	12.74	12.75	1000	0.45
150	35.53	15.67	15.66	1050	0.42
200	40.21	20.57	20.53	1100	0.40
220	37.72	23.03	22.97	1150	0.38
240	34.87	24.84	24.77	1200	0.36
260	33.05	24.76	24.70	1250	0.35
280	32.62	23.39	23.37	1300	0.33
300	33.58	22.03	22.05	1350	0.32
320	35.28	21.25	21.28	1400	0.31
340	35.85	21.12	21.16	1450	0.30
360	33.86	21.56	21.62	1500	0.29
380	31.02	22.45	22.51	1550	0.29
400	29.14	23.30	23.34	1600	0.28
420	27.60	23.51	23.61	1650	0.27
450	20.56	24.32	24.55	1700	0.26
460	17.49	25.41	25.74	1750	0.26
480	12.40	29.47	30.16	1800	0.26
500	8.96	35.30	36.79	1850	0.26
520	6.76	40.44	43.09	1900	0.25
550	4.80	49.25	44.42	1950	0.25
600	3.17	32.22	30.89	2000	0.25
650	2.37	27.79	26.78	2050	0.24
700	1.90	26.04	25.28	2100	0.24
800	1.39	26.12	25.16	2150	0.24
1000	0.96	31.94	30.40	2200	0.24
1500	0.68	24.27	24.22	2250	0.23
2000	0.72	17.14	17.12	2300	0.23
2200	0.77	15.66	15.59	2350	0.23
2400	0.84	14.24	14.20	2400	0.23
2600	0.91	13.11	13.08	2450	0.22
2800	0.97	12.17	12.17	2500	0.22
3000	1.03	11.46	11.48	2550	0.22
3200	1.10	10.94	10.93	2600	0.22
3400	1.18	10.36	10.37	2650	0.22
3600	1.23	9.98	9.96	2700	0.22
3800	1.25	9.57	9.64	2750	0.22
4000	1.28	9.38	9.42	2800	0.22
4200	1.31	9.19	9.26	2850	0.21
4400	1.32	9.07	9.13	2900	0.21
4600	1.32	9.00	9.10	2950	0.21
4800	1.28	8.98	9.08	3000	0.21
5000	1.29	8.98	9.13	3050	0.21
5200	1.26	9.02	9.19	3500	0.20
5400	1.27	9.15	9.32	3600	0.20
5600	1.26	9.23	9.40	3700	0.20
5800	1.25	9.43	9.63	3800	0.20
6000	1.51	9.65	9.94	3900	0.20
6200	1.29	9.32	9.52	4000	0.20
6400	1.28	9.42	9.67	4100	0.20
6600	1.28	9.44	9.69	4200	0.19
7000	1.38	9.37	9.71	4300	0.20
8000	2.18	8.88	9.04	4400	0.19
9000	3.19	9.63	9.48	4500	0.20
10000	2.29	7.72	7.62	5000	0.20