

Coaxial Reflectionless High Pass Filter

ZXHF-K581M+

Typical Performance Data

FREQ.	Insertion Loss	Input Return Loss	Output Return Loss	FREQ.	Group Delay
(MHz)	(dB)	(dB)	(dB)	(MHz)	(ns)
1	45.73	9.00	9.08	580	0.94
5	45.12	9.08	9.09	600	0.87
10	43.43	9.13	9.14	620	0.80
20	39.13	9.31	9.32	640	0.75
30	35.74	9.56	9.57	660	0.70
50	31.80	10.39	10.38	680	0.66
100	33.24	13.50	13.56	700	0.62
120	36.42	15.44	15.52	720	0.59
140	38.92	17.82	17.91	740	0.57
160	38.15	20.53	20.68	760	0.54
180	35.49	22.68	22.84	780	0.52
200	33.63	22.86	22.97	800	0.50
220	33.47	21.78	21.92	820	0.48
240	34.28	21.08	21.26	840	0.47
260	33.55	21.33	21.50	1000	0.38
280	30.48	22.41	22.60	1050	0.36
300	27.55	23.51	23.78	1100	0.34
330	23.18	23.88	24.13	1150	0.33
340	20.46	24.43	24.70	1200	0.31
360	14.46	27.74	28.11	1250	0.31
380	9.93	32.84	33.86	1300	0.30
400	7.10	36.59	39.10	1400	0.28
420	5.36	38.92	39.88	1500	0.27
440	4.26	34.76	33.96	1600	0.26
470	3.22	29.32	28.69	1700	0.25
480	2.97	28.16	27.63	1800	0.25
500	2.58	26.58	26.17	1900	0.24
520	2.28	25.47	25.24	2000	0.24
540	2.04	24.82	24.64	2100	0.23
560	1.85	24.44	24.30	2200	0.23
580	1.69	24.38	24.22	2300	0.22
600	1.56	24.44	24.27	2400	0.22
700	1.16	25.83	25.99	2500	0.22
800	0.95	29.94	29.95	2600	0.21
900	0.82	36.81	36.99	2700	0.21
1000	0.73	36.64	35.15	2800	0.21
1100	0.69	29.42	29.06	2900	0.21
1200	0.67	25.43	25.07	3000	0.20
1300	0.66	22.67	22.48	3100	0.20
1400	0.64	20.63	20.47	3200	0.20
1500	0.66	18.90	18.81	3300	0.20
1600	0.68	17.62	17.62	3400	0.20
1700	0.71	16.51	16.51	3500	0.20
1800	0.74	15.46	15.42	3600	0.20
1900	0.78	14.56	14.58	3700	0.20
2000	0.82	13.82	13.80	3800	0.20
2100	0.87	13.09	13.15	3900	0.20
2200	0.91	12.54	12.56	4000	0.19
2300	0.98	11.97	12.01	4100	0.19
2400	1.03	11.45	11.49	4200	0.19
2500	1.08	10.96	11.00	4300	0.19
2600	1.15	10.52	10.57	4400	0.19
2700	1.19	10.11	10.19	4500	0.19
2800	1.25	9.74	9.82	4600	0.20
2900	1.29	9.43	9.52	4700	0.20
3000	1.35	9.13	9.20	4800	0.20
3100	1.39	8.86	8.95	4850	0.20
5000	1.74	7.23	7.23	4900	0.20
6000	1.75	7.70	7.73	4950	0.20
8000	1.88	9.42	9.33	5000	0.20