Coaxial Band Pass Filter ZBFHK-K1572+

Typical Performance Data

FREQ.	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
(GHz)	(dB)			(dB)			(dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
0.1	105.78	106.75	94.97	0.07	0.10	0.14	0.08	0.11	0.14
0.2	103.92	101.41	95.95	0.11	0.14	0.18	0.12	0.15	0.18
0.5	102.33	105.37	108.72	0.18	0.22	0.27	0.19	0.22	0.28
1.0	97.13	104.12	105.33	0.21	0.28	0.33	0.22	0.28	0.35
1.5	105.69	108.17	109.19	0.21	0.29	0.34	0.22	0.29	0.35
2.0	106.41	93.56	101.79	0.20	0.28	0.34	0.21	0.28	0.35
2.5	106.90	102.65	97.89	0.19	0.28	0.34	0.21	0.29	0.36
3.0	95.45	96.46	94.82	0.21	0.30	0.36	0.24	0.32	0.39
3.5	99.50	105.61	105.39	0.23	0.33	0.40	0.29	0.38	0.45
4.0	99.73	105.17	102.02	0.29	0.41	0.47	0.35	0.45	0.53
4.5	102.79	105.88	106.71	0.36	0.48	0.55	0.41	0.52	0.60
5.0	104.66	100.82	99.97	0.42	0.55	0.63	0.45	0.57	0.65
5.5	99.28	98.45	103.31	0.44	0.59	0.67	0.45	0.59	0.67
6.0	103.97	99.12	108.09	0.44	0.60	0.68	0.44	0.59	0.68
6.5	100.37	101.47	95.41	0.46	0.63	0.72	0.45	0.61	0.71
7.0	101.61	101.06	110.50	0.48	0.65	0.75	0.48	0.64	0.75
7.5	110.89	101.89	103.31	0.52	0.71	0.81	0.54	0.70	0.82
8.0	97.72	108.45	110.01	0.57	0.76	0.87	0.60	0.78	0.90
8.6	109.46	110.25	108.27	0.62	0.84	0.94	0.66	0.85	0.96
9.0	105.89	112.92	95.18	0.63	0.85	0.95	0.67	0.88	1.00
9.5	92.11	90.76	96.66	0.61	0.85	0.95	0.65	0.89	1.01
10.0	92.10	89.62	90.47	0.59	0.85	0.97	0.65	0.90	1.04
10.3	90.57	89.68	88.11	0.60	0.87	1.01	0.65	0.92	1.07
11.0	76.17	76.04	74.00	0.65	0.96	1.12	0.72	1.01	1.19
12.0	56.58	55.19	52.86	0.92	1.22	1.39	0.96	1.24	1.43
13.0	23.44	19.96	14.95	1.48	2.13	3.21	1.43	2.03	3.04
13.9	2.27	2.72	3.05	26.05	27.77	24.89	25.02	28.23	26.24
14.0	2.20	2.67	3.02	28.26	25.79	22.60	28.27	26.94	22.97
14.1	2.16	2.64	2.99	27.36	23.24	20.99	28.30	23.79	20.82
14.2	2.13	2.62	2.97	24.90	21.37	20.35	25.16	21.40	19.94
14.3	2.11	2.61	2.94	22.65	20.29	20.53	22.23	19.89	19.77
14.4	2.10	2.58	2.91	21.21	20.21	21.73	20.83	19.76	20.94
14.5	2.08	2.55	2.87	20.54	20.97	24.04	19.95	20.29	22.80
15.0	1.98	2.47	2.82	29.20	38.89	37.11	26.19	28.59	30.90
15.5	1.98	2.49	2.87	30.65	27.32	25.93	32.65	29.18	26.17
16.0	2.01	2.54	2.94	35.17	31.84	28.91	30.66	33.76	34.11
16.4	2.10	2.66	3.07	22.09	20.48	20.47	23.15	21.14	20.65
16.6	2.13	2.70	3.09	21.11	20.52	22.29	21.40	20.51	22.57
16.8	2.15	2.71	3.14	24.03	24.92	28.55	23.85	25.35	35.10
17.0	2.18	2.77	3.24	30.08	27.10	23.64	34.67	34.51	25.46
17.5	2.40	3.04	3.54	20.22	19.68	21.54	20.15	19.61	22.04
18.0	2.62	3.38	4.09	29.45	25.59	24.16	42.03	26.64	24.19
18.2	2.82	3.67	4.56	26.31	23.42	23.87	26.56	24.04	29.68
18.4	3.13	4.17	5.73	25.21	23.54	16.68	25.39	36.87	18.88
18.6	3.79	5.72	9.97	19.79	12.95	7.84	24.46	13.89	8.02
19.0	14.30	20.81	29.12	3.82	3.84	3.71	3.80	3.77	3.67
20.0	74.97	69.93	67.74	1.54	1.85	1.95	1.71	2.02	2.14
20.5	67.21	68.78	69.91	1.14	1.48	1.65	1.30	1.64	1.83
21.0	71.98	72.98	74.48	0.81	1.24	1.48	1.04	1.44	1.70
21.3	75.60	75.61	77.44	0.78	1.26	1.56	0.94	1.38	1.67
22.0	80.19	83.22	84.85	0.90	1.48	1.78	1.00	1.51	1.82
24.0	88.90	92.37	93.22	1.65	2.15	2.37	1.75	2.25	2.53
2.6	93.17	113.86	92.78	0.19	0.28	0.34	0.21	0.29	0.36
28.0	90.99	89.69	94.77	1.04	1.54	1.78	1.24	1.66	1.95
30.0	95.62	94.57	89.85	1.54	2.33	2.82	1.65	2.50	2.94
32.0	93.14	89.92	92.13	1.65	2.19	2.34	1.93	2.42	2.60
34.0	88.70	92.26	83.77	0.60	1.16	1.47	0.80	1.32	1.59
35.0	85.59	82.62	86.20	0.59	1.29	1.65	0.68	1.35	1.73
38.0	65.71	73.46	74.47	2.30	2.96	3.10	2.37	3.02	3.08
40.0	81.87	83.44	82.47	0.69	1.35	1.88	0.79	1.28	1.88

Typical Performance Data

FREQ.	GROUP DELAY		
(GHz)	(nsec)		
	@-55°C	@+25°C	@+125°C
13.9	0.90	0.87	0.84
14.0	0.82	0.81	0.79
14.1	0.81	0.80	0.78
14.2	0.80	0.78	0.77
14.3	0.79	0.77	0.76
14.4	0.77	0.76	0.75
14.5	0.76	0.75	0.75
14.6	0.75	0.74	0.74
14.7	0.74	0.74	0.73
14.8	0.73	0.73	0.72
14.9	0.72	0.72	0.72
15.0	0.72	0.71	0.71
15.1	0.71	0.70	0.70
15.2	0.70	0.70	0.70
15.3	0.70	0.69	0.69
15.4	0.69	0.69	0.69
15.5	0.69	0.69	0.69
15.6	0.68	0.68	0.68
15.7	0.68	0.68	0.68
15.8	0.68	0.68	0.68
15.9	0.68	0.68	0.68
16.0	0.67	0.68	0.68
16.1	0.67	0.68	0.68
16.2	0.67	0.68	0.68
16.3	0.67	0.68	0.68
16.4	0.67	0.68	0.69
16.5	0.68	0.68	0.69
16.6	0.68	0.68	0.69
16.7	0.68	0.69	0.70
16.8	0.68	0.69	0.70
16.9	0.69	0.70	0.71
17.0	0.69	0.70	0.72
17.1	0.70	0.71	0.73
17.2	0.71	0.72	0.74
17.3	0.72	0.73	0.75
17.5	0.74	0.76	0.79