Coaxial Band Pass Filter ZBFHK-K2162+

Typical Performance Data

FREQ. (GHz)	INSERTION LOSS (dB)			INPUT RETURN LOSS (dB)			OUTPUT RETURN LOSS (dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
0.1	104.72	102.53	97.13	0.07	0.11	0.14	0.08	0.11	0.14
0.2	99.64	109.77	107.61	0.10	0.14	0.18	0.12	0.15	0.19
0.5	103.35	102.05	94.22	0.17	0.22	0.27	0.19	0.23	0.29
1.0	112.06	120.10	95.65	0.21	0.27	0.33	0.23	0.29	0.35
1.5	99.83	101.86	103.01	0.20	0.28	0.34	0.22	0.29	0.36
2.0	94.02	107.89	101.94	0.19	0.28	0.34	0.22	0.30	0.36
2.5	99.35	96.41	99.35	0.18	0.28	0.34	0.22	0.30	0.37
3.0	107.01	94.56	101.54	0.20	0.29	0.36	0.24	0.33	0.40
3.5	105.81	107.04	100.82	0.21	0.33	0.39	0.28	0.38	0.46
4.0	96.20	98.81	106.77	0.27	0.39	0.46	0.34	0.45	0.52
4.5	102.05	101.74	111.83	0.32	0.46	0.53	0.39	0.51	0.59
5.0	107.66	104.66	104.68	0.38	0.52	0.60	0.43	0.56	0.64
5.5	108.79	113.59	104.65	0.40	0.56	0.64	0.43	0.58	0.67
6.0	99.68	106.87	95.70	0.40	0.57	0.66	0.44	0.59	0.69
6.5	99.85	93.70	105.02	0.42	0.60	0.69	0.45	0.61	0.72
7.0	107.26	106.72	107.37	0.44	0.62	0.72	0.48	0.65	0.77
7.5	107.39	100.59	107.15	0.47	0.67	0.77	0.54	0.71	0.83
8.0	113.31	97.48	100.90	0.52	0.72	0.83	0.59	0.77	0.89
8.6	112.10	101.40	94.93	0.57	0.78	0.89	0.64	0.82	0.94
9.0	98.34	94.32	102.14	0.59	0.81	0.91	0.64	0.85	0.97
9.5	105.33	102.97	107.89	0.58	0.81	0.92	0.63	0.86	0.97
10.0	104.30	95.06	102.05	0.56	0.81	0.93	0.62	0.86	0.99
10.3	96.40	104.29	98.65	0.56	0.82	0.95	0.61	0.87	1.01
11.0	106.57	100.13	93.12	0.56	0.86	1.02	0.64	0.92	1.10
12.0	102.38	105.79	94.58	0.71	1.01	1.16	0.79	1.07	1.25
13.0	88.07	103.21	92.88	0.86	1.13	1.26	0.89	1.14	1.30
14.0	83.91	83.76	81.11	0.81	1.13	1.31	0.90	1.20	1.38
15.0	71.77	70.21	69.13	0.82	1.25	1.49	1.01	1.42	1.68
16.0	58.50	57.43	55.76	1.09	1.51	1.74	1.22	1.62	1.85
17.0	41.93	40.32	37.55	1.17	1.55	1.77	1.23	1.56	1.80
18.0	15.07	12.24	8.97	2.08	3.42	5.78	2.22	3.56	5.91
19.4	2.28	2.92	3.33	21.41	16.50	14.74	21.07	16.44	14.91
19.5	2.31	2.95	3.32	17.39	14.55	14.19	17.41	14.68	14.45
19.6	2.34	2.96	3.29	15.20	13.65	14.44	15.41	13.89	14.72
19.7	2.35	2.94	3.25	14.14	13.59	15.45	14.49	13.91	15.70
19.8	2.35	2.90	3.20	13.64	14.07	17.12	14.01	14.31	17.06
19.9	2.33	2.85	3.15	13.72	15.25	19.79	14.12	15.41	19.31
20.0	2.29	2.80	3.12	14.46	17.43	24.14	14.71	17.21	22.05
20.5	2.16	2.81	3.25	22.76	16.91	15.19	21.30	16.99	15.55
21.6	2.18	2.81	3.29	24.51	20.52	17.30	27.07	21.90	18.07
22.0	2.37	3.01	3.46	13.65	14.08	14.58	14.42	14.80	15.44
23.0	2.32	2.99	3.50	23.91	23.52	21.79	24.80	23.34	22.37
23.8	2.47	3.19	3.76	26.36	25.86	23.88	29.29	25.14	23.38
25.0	3.23	4.53	6.97	22.87	16.46	9.12	22.41	17.08	9.59
26.0	19.50	24.37	30.16	2.89	3.45	3.51	3.51	3.87	3.84
27.0	45.61	49.87	54.66	1.35	1.86	2.07	1.48	1.97	2.20
27.1	47.95	52.04	56.54	1.28	1.79	2.03	1.43	1.91	2.17
29.1	79.08	81.64	88.33	0.99	1.50	1.73	1.48	1.98	2.29
30.0	91.86	87.15	93.20	1.21	1.83	2.21	1.49	2.14	2.47
30.9	93.15	94.75	86.72	1.57	2.49	3.07	1.65	2.46	2.95
31.0	87.51	85.24	94.05	1.66	2.60	3.16	1.72	2.53	3.05
32.0	91.08	90.19	89.79	1.98	2.77	2.92	2.12	2.80	3.12
33.0	91.75	92.44	94.88	1.47	1.95	2.15	1.84	2.30	2.53
34.0	94.04	88.43	88.57	0.80	1.32	1.59	1.24	1.72	2.01
35.0	90.27	85.62	92.12	0.51	1.14	1.44	0.86	1.46	1.78
36.0	83.54	92.05	87.24	0.76	1.47	1.85	0.90	1.68	2.11
36.3	94.88	90.35	103.59	0.88	1.65	2.07	1.09	1.93	2.48
37.0	83.88	86.99	85.93	1.51	2.42	3.00	1.91	2.83	3.50
38.0	86.77	84.84	78.05	2.57	3.70	4.18	2.68	3.49	4.13
40.0	77.69	76.84	82.38	1.09	1.68	2.07	1.27	1.86	2.21

Typical Performance Data

FREQ. (GHz)	GROUP DELAY (nsec)		
	@-55°C	@+25°C	@+125°C
19	0.69	0.67	0.66
20	0.67	0.66	0.65
20	0.66	0.65	0.64
20	0.65	0.64	0.63
20	0.64	0.63	0.63
20	0.63	0.63	0.62
20	0.62	0.62	0.62
20	0.62	0.61	0.61
20	0.61	0.61	0.61
20	0.61	0.60	0.60
20	0.60	0.60	0.60
21	0.60	0.60	0.60
21	0.60	0.59	0.59
21	0.59	0.59	0.59
21	0.59	0.59	0.59
21	0.59	0.58	0.59
21	0.58	0.58	0.59
21	0.58	0.58	0.58
21	0.58	0.58	0.58
21	0.58	0.58	0.58
21	0.58	0.58	0.58
22	0.58	0.58	0.58
22	0.58	0.58	0.58
22	0.58	0.58	0.58
22	0.57	0.58	0.58
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23	0.58	0.59	0.59
23	0.58	0.59	0.60
23	0.59	0.59	0.60
23	0.59	0.59	0.60
23	0.59	0.60	0.61
23	0.60	0.61	0.62
24	0.62	0.63	0.65