

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)					
	Lowpass port			Highpass port		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
25	0.04	0.06	0.09	97.92	94.08	93.72
50	0.05	0.07	0.09	91.25	86.54	101.08
75	0.05	0.07	0.10	84.28	90.33	87.96
100	0.04	0.07	0.09	83.15	81.32	84.79
125	0.05	0.08	0.10	83.21	83.48	83.26
150	0.05	0.08	0.10	82.58	82.05	81.25
175	0.05	0.08	0.10	80.74	80.75	80.96
500	0.07	0.12	0.15	71.72	71.58	71.48
1000	0.15	0.22	0.27	66.37	66.50	66.89
1500	0.25	0.33	0.38	64.85	64.64	64.57
2000	0.34	0.42	0.49	64.34	64.21	64.35
2500	0.37	0.46	0.54	65.10	65.46	65.83
3000	0.38	0.48	0.58	68.19	67.98	69.00
3500	0.38	0.50	0.61	75.40	75.70	76.63
4000	0.41	0.54	0.65	67.50	66.77	66.27
4500	0.46	0.60	0.71	60.09	59.65	59.64
4800	0.50	0.64	0.74	57.52	57.47	56.90
5000	0.51	0.66	0.75	55.59	55.48	55.13
6000	0.54	0.69	0.77	49.75	49.81	49.57
6500	0.46	0.62	0.71	47.87	47.86	47.70
7000	0.37	0.55	0.65	46.55	46.66	46.60
7500	0.33	0.52	0.64	45.36	45.54	45.50
8000	0.34	0.56	0.68	44.69	44.76	44.81
8500	0.39	0.62	0.76	44.40	44.60	44.84
9000	0.44	0.67	0.82	44.08	44.41	44.65
9500	0.46	0.71	0.86	44.09	44.32	44.66
10000	0.49	0.75	0.92	43.92	44.13	44.35
10500	0.55	0.83	1.01	42.50	42.41	42.34
11000	0.64	0.95	1.15	39.14	38.87	38.43
11500	0.83	1.17	1.40	34.70	34.44	34.00
12000	1.16	1.52	1.78	31.49	31.79	32.10
12500	1.49	1.87	2.19	32.60	33.35	33.82
13000	1.77	2.23	2.70	32.08	31.30	30.10
13500	2.64	3.63	4.93	25.01	23.70	21.89
14000	7.56	9.85	12.65	15.97	14.63	13.15
14500	18.38	21.65	25.33	8.26	7.61	7.02
15000	31.08	31.68	31.78	4.24	4.31	4.35
15250	31.44	31.52	31.85	3.35	3.56	3.76
15500	31.21	31.70	32.46	2.85	3.15	3.50
15750	31.79	32.55	33.62	2.63	2.96	3.41
16000	32.85	33.73	34.86	2.61	2.89	3.33
16250	34.08	34.90	35.93	2.61	2.80	3.15
16500	35.18	35.91	36.71	2.52	2.64	2.87
16800	36.14	36.71	37.44	2.26	2.39	2.54
17000	36.54	37.21	37.90	2.04	2.24	2.36
17250	37.02	37.76	38.45	1.80	2.08	2.21
17500	37.42	38.30	39.02	1.65	1.99	2.13
17750	37.99	38.88	39.70	1.58	1.96	2.15
18000	38.58	39.57	40.38	1.62	2.04	2.26
18100	39.01	39.93	40.75	1.68	2.11	2.33
18200	39.17	40.04	40.99	1.74	2.18	2.41
18300	39.50	40.50	41.10	1.82	2.26	2.47
18400	39.89	40.69	41.47	1.88	2.33	2.53
18500	40.08	41.12	41.51	1.94	2.38	2.56
18600	40.44	41.01	41.98	1.97	2.41	2.57
18700	40.41	41.28	41.88	1.98	2.41	2.57
18800	40.93	41.52	41.90	1.99	2.40	2.57
18900	40.80	41.43	41.37	1.99	2.39	2.57
18950	40.89	41.82	41.96	1.99	2.40	2.56
19000	41.03	41.91	42.00	1.99	2.39	2.56

Typical Performance Data

FREQUENCY (MHz)	RETURN LOSS (dB)								
	Common port			Lowpass port			Highpass port		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
25	45.86	44.36	41.99	44.09	42.70	40.42	0.00	0.00	0.00
50	39.73	40.57	40.02	40.02	40.01	38.61	0.00	0.00	0.00
75	37.26	38.28	38.50	37.46	37.73	36.97	0.00	0.00	0.00
100	35.01	35.71	36.01	35.38	35.47	35.08	0.00	0.00	0.00
125	33.87	34.13	34.31	33.78	33.60	33.26	0.00	0.00	0.01
150	32.87	32.70	32.68	32.40	32.09	31.74	0.01	0.00	0.00
175	31.88	31.35	31.18	31.41	31.01	30.69	0.02	0.01	0.00
500	22.67	22.25	22.00	22.93	22.52	22.24	0.07	0.05	0.02
1000	17.02	16.79	16.61	17.07	16.85	16.69	0.02	0.01	0.05
1500	14.50	14.43	14.28	14.39	14.31	14.16	0.01	0.05	0.09
2000	13.25	13.29	13.10	13.34	13.37	13.17	0.09	0.13	0.17
2500	13.18	13.21	12.87	13.09	13.13	12.77	0.11	0.15	0.19
3000	13.35	13.32	12.84	13.38	13.32	12.82	0.14	0.19	0.23
3500	13.47	13.37	12.83	13.49	13.39	12.83	0.17	0.22	0.27
4000	13.31	13.17	12.80	13.50	13.33	12.92	0.22	0.27	0.33
4500	12.57	12.50	12.46	12.82	12.71	12.60	0.25	0.30	0.37
4800	12.07	12.07	12.20	12.31	12.29	12.35	0.25	0.31	0.39
5000	11.88	11.95	12.18	11.99	12.02	12.18	0.26	0.33	0.41
6000	11.93	12.33	12.87	11.80	12.13	12.59	0.35	0.44	0.55
6500	13.43	14.11	14.71	13.23	13.79	14.31	0.42	0.52	0.64
7000	16.79	17.86	18.76	16.30	17.22	17.99	0.45	0.56	0.69
7500	24.56	26.99	30.28	22.23	23.67	25.09	0.46	0.58	0.73
8000	32.93	30.48	27.07	26.49	26.12	24.38	0.43	0.56	0.70
8500	23.04	22.58	21.16	22.10	21.87	20.64	0.41	0.54	0.69
9000	21.27	21.53	20.72	21.02	21.40	20.70	0.40	0.54	0.69
9500	23.09	23.54	23.24	24.11	24.97	24.69	0.42	0.57	0.75
10000	28.21	28.63	28.81	30.75	31.50	32.30	0.48	0.67	0.89
10500	32.34	31.06	31.03	38.15	36.85	38.13	0.69	0.95	1.24
11000	24.40	23.16	23.15	25.62	24.65	24.29	1.20	1.58	2.05
11500	16.91	16.56	16.69	17.16	16.90	16.98	2.39	3.09	4.07
12000	12.55	12.67	13.04	12.96	13.06	13.38	4.48	5.40	6.42
12500	10.97	11.57	12.35	11.53	11.96	12.51	4.18	4.52	4.79
13000	13.49	15.52	18.59	13.22	13.97	14.36	3.47	3.81	4.24
13500	19.07	14.35	11.28	13.58	11.81	10.00	3.09	3.59	4.28
14000	5.01	4.81	5.01	5.34	4.83	4.44	3.52	4.53	5.91
14500	4.46	5.45	6.79	2.37	2.48	2.58	7.23	9.13	11.07
15000	8.65	10.30	12.35	1.49	1.72	1.91	10.20	10.55	11.02
15250	11.68	13.46	15.28	1.26	1.50	1.71	10.09	10.45	10.85
15500	14.16	14.86	15.31	1.09	1.33	1.55	10.19	10.32	10.25
15750	13.77	13.41	13.82	0.99	1.24	1.48	9.70	9.70	9.39
16000	12.50	12.12	13.10	0.98	1.24	1.49	8.90	9.15	9.07
16250	11.81	11.64	13.05	1.00	1.27	1.53	8.50	9.08	9.48
16500	11.89	11.88	13.51	1.03	1.31	1.57	8.96	9.71	10.70
16800	12.51	12.82	14.46	1.09	1.36	1.64	10.70	11.45	12.94
17000	13.17	13.69	15.21	1.12	1.42	1.72	12.54	13.22	14.77
17250	14.10	14.81	15.96	1.20	1.52	1.83	14.76	15.87	17.51
17500	14.79	15.48	16.15	1.27	1.61	1.93	16.89	18.90	21.12
17750	14.86	15.20	15.26	1.34	1.68	2.01	19.50	21.86	23.18
18000	13.77	13.76	13.42	1.42	1.77	2.10	20.66	21.03	19.81
18100	12.94	12.88	12.53	1.48	1.83	2.16	19.80	19.43	18.10
18200	12.07	12.02	11.71	1.48	1.84	2.18	18.59	18.01	16.81
18300	11.25	11.21	11.01	1.47	1.84	2.20	17.33	16.70	15.61
18400	10.51	10.50	10.41	1.50	1.87	2.21	15.96	15.35	14.41
18500	9.84	9.91	9.91	1.55	1.92	2.25	14.57	14.08	13.31
18600	9.33	9.46	9.54	1.56	1.92	2.25	13.36	12.96	12.35
18700	8.95	9.10	9.26	1.54	1.90	2.23	12.30	12.01	11.50
18800	8.58	8.80	8.98	1.52	1.88	2.20	11.32	11.12	10.73
18900	8.27	8.53	8.77	1.52	1.86	2.18	10.40	10.30	10.05
18950	8.10	8.38	8.64	1.48	1.83	2.14	9.98	9.94	9.77
19000	7.98	8.27	8.56	1.48	1.82	2.13	9.68	9.66	9.58