

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
	(dB)			(dB)			(dB)		
	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C
1.0	86.62	104.04	93.90	0.05	0.05	0.05	0.05	0.05	0.05
3.0	85.38	95.97	92.48	0.05	0.05	0.05	0.05	0.05	0.05
9.0	92.22	89.31	98.75	0.05	0.05	0.05	0.04	0.05	0.04
19.0	111.56	114.87	106.44	0.04	0.04	0.04	0.04	0.04	0.04
25.0	106.03	111.80	119.12	0.04	0.04	0.04	0.04	0.04	0.04
35.0	103.44	103.61	117.12	0.04	0.04	0.04	0.04	0.04	0.04
45.0	103.79	104.58	111.64	0.03	0.04	0.04	0.03	0.03	0.03
55.0	104.21	100.27	102.74	0.03	0.03	0.03	0.03	0.03	0.03
100.0	101.29	105.18	104.64	0.02	0.03	0.03	0.02	0.02	0.02
120.0	115.37	122.29	108.84	0.01	0.02	0.03	0.01	0.02	0.02
140.0	108.72	104.96	104.48	0.01	0.02	0.03	0.01	0.02	0.02
160.0	116.81	105.67	108.93	0.01	0.02	0.02	0.01	0.02	0.02
180.0	110.37	106.28	101.01	0.00	0.02	0.02	0.00	0.02	0.02
200.0	103.52	111.52	113.05	0.00	0.02	0.02	0.00	0.02	0.02
220.0	104.06	99.22	105.96	0.00	0.02	0.03	0.00	0.02	0.02
240.0	108.29	109.21	101.87	0.00	0.02	0.03	0.00	0.02	0.02
260.0	106.81	100.92	112.19	0.00	0.02	0.03	0.00	0.02	0.03
280.0	102.84	105.21	114.99	0.00	0.02	0.03	0.00	0.02	0.03
300.0	106.77	102.25	107.58	0.00	0.02	0.02	0.00	0.02	0.02
320.0	108.25	101.02	104.14	0.00	0.02	0.03	0.00	0.02	0.03
340.0	96.29	101.30	105.68	0.00	0.02	0.03	0.00	0.02	0.03
360.0	97.99	98.90	105.99	0.00	0.02	0.03	0.00	0.03	0.03
400.0	97.86	98.31	100.49	0.00	0.03	0.04	0.01	0.03	0.04
420.0	99.03	98.51	98.37	0.01	0.03	0.04	0.01	0.04	0.04
510.0	31.35	30.62	30.62	0.40	0.50	0.53	0.40	0.50	0.53
519.0	2.65	2.91	3.02	17.83	18.29	18.27	17.84	18.51	18.42
520.0	2.40	2.67	2.78	20.37	22.10	22.20	20.60	23.00	22.82
521.0	2.25	2.54	2.65	25.99	23.95	23.80	26.93	25.29	24.70
522.5	2.20	2.50	2.60	19.45	19.18	19.09	19.62	19.42	19.26
523.0	2.20	2.50	2.61	19.10	19.50	19.42	19.29	19.73	19.58
524.0	2.21	2.53	2.63	21.51	23.04	22.91	22.10	23.65	23.36
525.0	2.27	2.63	2.73	25.50	24.00	23.97	27.75	24.92	24.66
526.0	2.42	2.84	2.95	21.33	20.27	20.32	21.83	20.40	20.37
530.0	9.34	10.91	11.04	3.12	2.79	2.85	3.11	2.77	2.83
533.0	21.89	23.09	23.16	0.68	0.73	0.76	0.69	0.74	0.77
535.0	28.56	29.54	29.60	0.38	0.44	0.46	0.40	0.45	0.47
538.0	36.60	37.37	37.42	0.21	0.26	0.28	0.22	0.27	0.29
600.0	89.71	92.46	88.18	0.00	0.03	0.05	0.01	0.04	0.06
620.0	87.44	86.60	86.49	0.00	0.03	0.05	0.01	0.04	0.05
640.0	88.89	87.03	87.34	0.01	0.04	0.05	0.01	0.05	0.06
660.0	84.48	83.78	85.03	0.00	0.04	0.05	0.01	0.05	0.06
680.0	83.25	83.24	83.04	0.01	0.04	0.06	0.02	0.05	0.06
700.0	81.97	82.93	82.60	0.01	0.04	0.06	0.02	0.05	0.06
720.0	83.48	82.08	81.99	0.01	0.04	0.06	0.02	0.05	0.07
740.0	81.98	81.56	80.94	0.00	0.04	0.06	0.02	0.05	0.07
760.0	81.91	81.67	81.92	0.01	0.05	0.06	0.02	0.06	0.07
780.0	81.79	80.23	81.19	0.01	0.05	0.07	0.03	0.06	0.08
800.0	79.82	80.18	79.76	0.02	0.06	0.07	0.03	0.07	0.08
820.0	81.33	81.54	81.32	0.02	0.06	0.08	0.03	0.07	0.09
840.0	82.09	83.41	82.50	0.02	0.06	0.08	0.03	0.07	0.09
860.0	79.49	79.59	79.42	0.02	0.06	0.08	0.03	0.07	0.09
880.0	77.40	77.28	77.61	0.02	0.07	0.08	0.04	0.08	0.09
900.0	77.70	78.22	78.03	0.02	0.07	0.09	0.04	0.08	0.09
920.0	76.89	77.40	77.72	0.03	0.07	0.09	0.04	0.09	0.10
940.0	76.45	76.86	77.26	0.03	0.08	0.09	0.05	0.09	0.11
960.0	76.77	77.39	77.62	0.04	0.08	0.10	0.05	0.10	0.11
980.0	78.33	78.84	78.71	0.04	0.08	0.10	0.05	0.10	0.11
1000.0	75.26	75.30	74.77	0.03	0.08	0.10	0.05	0.10	0.11
1050.0	72.94	73.61	73.96	0.05	0.09	0.11	0.07	0.11	0.13
1100.0	74.32	74.64	73.95	0.06	0.11	0.13	0.08	0.13	0.14

Surface Mount Bandpass Filter **CBP6-522R5BG+**

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
519.00	91.09	87.84	87.53
519.25	88.31	85.58	85.32
519.50	85.92	83.67	83.46
519.75	83.92	82.06	81.88
520.00	82.27	80.72	80.56
520.25	80.90	79.58	79.44
520.50	79.74	78.59	78.46
520.75	78.75	77.71	77.60
521.00	77.87	76.94	76.85
521.25	77.09	76.26	76.17
521.50	76.39	75.66	75.58
521.75	75.77	75.15	75.07
522.00	75.24	74.74	74.66
522.25	74.81	74.44	74.38
522.50	74.48	74.26	74.20
522.75	74.26	74.19	74.14
523.00	74.18	74.26	74.21
523.25	74.22	74.45	74.40
523.50	74.39	74.76	74.71
523.75	74.69	75.18	75.14
524.00	75.11	75.71	75.68
524.25	75.64	76.33	76.30
524.50	76.26	77.05	77.02
524.75	76.99	77.88	77.86
525.00	77.83	78.84	78.83
525.25	78.79	79.95	79.93
525.50	79.88	81.22	81.21
525.75	81.16	82.73	82.71
526.00	82.68	84.51	84.49