

Surface mount Band Pass Filter

CBP4-T2656R25+

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
1.00	109.14	103.25	97.71	0.06	0.06	0.06	0.06	0.06	0.06
10.00	93.81	96.29	94.65	0.06	0.07	0.07	0.06	0.07	0.07
50.00	80.28	80.71	81.24	0.07	0.08	0.08	0.09	0.10	0.10
100.00	76.85	77.36	77.70	0.07	0.09	0.09	0.10	0.11	0.12
300.00	67.43	67.43	67.51	0.07	0.09	0.10	0.07	0.10	0.11
500.00	65.15	65.09	65.14	0.05	0.07	0.09	0.04	0.07	0.09
700.00	65.18	65.17	65.21	0.03	0.06	0.08	0.03	0.07	0.09
1000.00	67.09	67.23	67.31	0.01	0.04	0.07	0.01	0.04	0.07
1200.00	69.22	69.31	69.54	0.02	0.03	0.07	0.04	0.02	0.06
1400.00	71.84	72.09	72.30	0.04	0.03	0.06	0.05	0.02	0.05
1500.00	72.98	73.18	73.47	0.04	0.02	0.06	0.06	0.01	0.04
1700.00	74.10	74.17	74.29	0.05	0.02	0.06	0.08	0.01	0.03
1800.00	73.74	73.90	73.94	0.05	0.02	0.05	0.08	0.01	0.03
1900.00	73.18	73.39	73.22	0.05	0.02	0.06	0.08	0.01	0.02
2000.00	71.56	71.94	71.71	0.04	0.03	0.06	0.08	0.01	0.03
2100.00	69.68	69.85	69.65	0.03	0.03	0.07	0.07	0.00	0.03
2200.00	66.45	66.20	66.40	0.02	0.05	0.08	0.07	0.00	0.03
2300.00	58.86	59.07	58.99	0.00	0.07	0.10	0.05	0.02	0.05
2411.00	48.25	47.93	48.04	0.02	0.10	0.13	0.03	0.05	0.08
2527.00	30.49	30.05	29.92	0.14	0.25	0.30	0.09	0.19	0.25
2535.00	28.80	28.33	28.20	0.16	0.28	0.33	0.11	0.22	0.28
2565.00	21.16	20.59	20.43	0.34	0.51	0.60	0.28	0.44	0.55
2595.00	10.66	10.04	9.90	1.32	1.84	2.10	1.25	1.73	2.01
2617.00	2.65	2.75	2.92	9.03	11.06	11.87	8.84	10.70	11.58
2631.50	1.36	1.66	1.87	21.09	22.97	23.92	20.32	22.40	23.00
2635.00	1.32	1.62	1.81	17.61	19.99	21.07	17.21	19.67	20.44
2640.00	1.30	1.57	1.76	15.88	18.93	20.17	15.47	18.40	19.27
2645.00	1.27	1.53	1.71	16.08	19.96	21.20	15.46	18.77	19.49
2650.00	1.23	1.50	1.69	17.71	22.56	22.91	16.54	19.82	19.85
2656.25	1.18	1.48	1.68	22.27	25.31	22.32	18.94	20.16	18.98
2660.25	1.16	1.49	1.70	27.74	23.62	20.48	20.36	19.31	17.89
2665.25	1.16	1.51	1.72	34.59	20.95	18.66	21.06	18.22	16.91
2670.25	1.18	1.54	1.75	27.71	19.77	18.08	21.03	18.03	16.94
2675.25	1.22	1.59	1.80	25.31	20.25	18.93	22.17	19.70	18.78
2681.00	1.30	1.69	1.92	23.64	21.51	20.64	27.99	28.96	28.23
2693.00	2.06	2.70	3.03	10.79	9.87	9.63	11.88	10.93	10.74
2717.00	9.34	10.46	10.91	1.51	1.54	1.58	1.52	1.55	1.62
2747.00	19.70	20.54	20.88	0.35	0.45	0.51	0.29	0.40	0.46
2775.00	26.97	27.62	27.89	0.17	0.26	0.31	0.09	0.19	0.24
2787.00	29.55	30.14	30.40	0.14	0.22	0.26	0.06	0.15	0.19
2851.00	40.47	40.91	41.10	0.06	0.13	0.16	0.02	0.06	0.09
2899.00	47.10	47.43	47.65	0.04	0.11	0.14	0.05	0.03	0.06
2920.00	49.54	49.84	50.07	0.03	0.10	0.13	0.05	0.03	0.06
3000.00	62.79	61.38	66.05	0.02	0.09	0.12	0.05	0.02	0.04
3050.00	64.84	65.16	67.56	0.02	0.09	0.12	0.05	0.03	0.05
3100.00	60.77	61.79	61.36	0.02	0.09	0.12	0.05	0.03	0.05
3200.00	54.34	54.33	53.20	0.01	0.09	0.12	0.05	0.03	0.06
3300.00	53.12	53.19	52.41	0.01	0.08	0.12	0.05	0.04	0.06
3400.00	51.89	51.82	51.18	0.02	0.09	0.14	0.04	0.04	0.08
3500.00	50.84	50.76	49.84	0.01	0.09	0.14	0.04	0.05	0.09
3600.00	50.22	50.27	49.63	0.01	0.10	0.16	0.04	0.06	0.11
3700.00	50.69	50.89	49.81	0.01	0.10	0.16	0.01	0.08	0.12
3800.00	50.12	50.42	49.44	0.00	0.10	0.16	0.04	0.07	0.13
3900.00	48.76	48.97	48.08	0.00	0.11	0.16	0.03	0.09	0.16
4000.00	47.28	46.98	46.31	0.01	0.10	0.19	0.03	0.09	0.17
4100.00	46.09	45.49	45.42	0.00	0.11	0.19	0.02	0.11	0.19
4200.00	45.47	44.98	44.76	0.03	0.08	0.18	0.03	0.10	0.19
4300.00	43.78	43.71	42.77	0.02	0.10	0.20	0.03	0.10	0.21
4400.00	42.95	43.15	42.20	0.04	0.17	0.22	0.01	0.17	0.25
4500.00	42.67	42.71	41.36	0.03	0.09	0.20	0.00	0.14	0.22



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IF/RF MICROWAVE COMPONENTS

REV. OR
CBP4-T2656R25+
211005

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
2631.50	8.85	8.52	8.41
2632.00	8.75	8.44	8.34
2633.00	8.58	8.31	8.22
2634.00	8.43	8.20	8.12
2635.00	8.29	8.09	8.03
2636.00	8.16	7.99	7.93
2637.00	8.03	7.90	7.85
2638.00	7.93	7.82	7.79
2639.00	7.85	7.76	7.74
2640.00	7.76	7.69	7.67
2641.00	7.68	7.64	7.61
2642.00	7.63	7.60	7.57
2643.00	7.56	7.55	7.53
2644.00	7.52	7.51	7.50
2645.00	7.48	7.48	7.47
2646.00	7.44	7.45	7.44
2647.00	7.42	7.44	7.42
2648.00	7.40	7.42	7.40
2649.00	7.39	7.40	7.38
2650.00	7.38	7.39	7.37
2651.00	7.37	7.36	7.36
2652.00	7.36	7.37	7.35
2653.00	7.36	7.36	7.34
2654.00	7.36	7.35	7.32
2655.00	7.36	7.35	7.32
2656.00	7.37	7.36	7.32
2656.25	7.37	7.35	7.31
2657.25	7.38	7.36	7.32
2658.25	7.39	7.36	7.32
2659.25	7.39	7.36	7.32
2660.25	7.39	7.36	7.33
2661.25	7.42	7.38	7.35
2662.25	7.43	7.40	7.37
2663.25	7.45	7.41	7.39
2664.25	7.46	7.43	7.41
2665.25	7.49	7.46	7.44
2666.25	7.51	7.49	7.47
2667.25	7.53	7.52	7.50
2668.25	7.56	7.55	7.54
2669.25	7.59	7.59	7.59
2670.25	7.64	7.65	7.65
2671.25	7.69	7.71	7.72
2672.25	7.73	7.77	7.78
2673.25	7.79	7.84	7.87
2674.25	7.84	7.91	7.94
2675.25	7.92	8.00	8.04
2676.25	8.00	8.10	8.15
2677.25	8.08	8.20	8.26
2678.25	8.19	8.33	8.39
2679.25	8.32	8.49	8.55
2681.00	8.63	8.82	8.88