

Surface mount Band Pass Filter

CBP4-942C+

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	112.70	100.86	108.47	0.00	0.00	0.00	0.00	0.00	0.00
10	107.48	106.57	108.99	0.00	0.00	0.00	0.00	0.00	0.00
100	101.49	99.57	92.85	0.00	0.01	0.01	0.00	0.01	0.01
150	96.75	98.73	101.29	0.01	0.01	0.02	0.01	0.01	0.02
200	107.98	104.86	95.54	0.01	0.02	0.03	0.01	0.02	0.03
250	94.43	95.72	97.07	0.02	0.03	0.04	0.02	0.04	0.05
280	100.16	95.56	96.70	0.02	0.04	0.05	0.02	0.04	0.05
300	94.56	97.17	99.47	0.02	0.04	0.05	0.02	0.05	0.06
350	91.24	92.29	92.54	0.03	0.05	0.06	0.04	0.06	0.07
380	87.44	94.62	93.78	0.03	0.06	0.07	0.04	0.07	0.08
400	89.86	87.72	86.78	0.04	0.06	0.08	0.05	0.07	0.09
450	87.26	88.69	85.05	0.05	0.08	0.09	0.07	0.10	0.11
500	84.22	83.54	83.52	0.06	0.10	0.11	0.08	0.12	0.13
550	81.35	82.74	80.74	0.08	0.11	0.13	0.10	0.14	0.16
600	81.10	79.66	81.97	0.10	0.14	0.16	0.13	0.17	0.19
650	86.41	88.68	87.76	0.12	0.17	0.19	0.15	0.20	0.22
700	75.45	75.29	75.12	0.15	0.20	0.22	0.19	0.24	0.26
750	58.69	58.55	58.41	0.19	0.24	0.27	0.23	0.29	0.32
800	43.10	43.00	42.86	0.25	0.31	0.34	0.31	0.37	0.41
834	30.56	30.32	30.29	0.34	0.42	0.46	0.41	0.49	0.54
840	27.96	27.73	27.68	0.37	0.45	0.50	0.44	0.53	0.58
856	20.22	20.01	19.96	0.52	0.63	0.69	0.61	0.72	0.79
873	10.40	10.26	10.26	1.27	1.48	1.60	1.39	1.64	1.77
887	2.89	3.01	3.14	6.09	6.63	6.82	6.37	7.06	7.28
925	0.78	0.95	1.06	27.79	30.69	33.17	26.75	30.57	33.12
928	0.77	0.94	1.04	28.20	32.59	35.40	26.36	30.79	32.85
932	0.76	0.93	1.03	28.08	33.35	35.85	25.53	29.70	31.07
935	0.76	0.93	1.02	27.98	33.42	35.91	25.08	28.96	30.14
940	0.75	0.92	1.02	28.29	33.89	36.72	24.81	28.34	29.33
942	0.75	0.92	1.02	28.41	33.71	35.99	24.80	28.14	28.98
946	0.75	0.92	1.02	28.01	31.52	31.99	24.67	27.41	27.77
950	0.75	0.93	1.03	26.44	28.27	27.93	24.13	26.04	25.90
954	0.76	0.94	1.04	24.59	25.69	25.10	23.30	24.57	24.11
958	0.78	0.96	1.06	23.29	24.21	23.46	22.71	23.66	22.97
960	0.79	0.97	1.07	23.02	23.96	23.11	22.67	23.56	22.75
989	2.84	3.17	3.19	5.57	5.59	5.94	5.55	5.57	5.94
1006	10.15	10.40	10.33	1.01	1.14	1.24	1.02	1.16	1.27
1029	20.22	20.34	20.26	0.30	0.40	0.45	0.34	0.44	0.49
1045	25.94	26.02	25.93	0.22	0.31	0.35	0.26	0.35	0.40
1060	30.62	30.67	30.57	0.20	0.28	0.32	0.24	0.32	0.36
1100	41.18	41.20	41.05	0.18	0.25	0.29	0.23	0.30	0.34
1150	53.24	53.23	53.01	0.20	0.26	0.29	0.25	0.31	0.34
1180	62.18	61.91	62.00	0.21	0.26	0.29	0.25	0.31	0.35
1200	74.31	71.25	73.29	0.21	0.27	0.30	0.26	0.32	0.35
1250	66.44	66.24	66.58	0.22	0.28	0.31	0.28	0.33	0.36
1280	64.40	63.61	64.17	0.23	0.29	0.32	0.28	0.34	0.37
1300	62.68	63.11	62.80	0.24	0.30	0.32	0.29	0.35	0.38
1330	61.74	62.49	61.93	0.25	0.30	0.33	0.29	0.35	0.38
1360	62.25	62.48	62.26	0.25	0.30	0.33	0.30	0.35	0.38
1380	62.73	63.13	62.60	0.26	0.31	0.34	0.30	0.36	0.39
1410	63.51	63.74	63.21	0.26	0.31	0.34	0.31	0.37	0.40
1440	64.92	64.96	64.48	0.27	0.32	0.35	0.31	0.37	0.40
1460	65.90	65.41	65.86	0.27	0.32	0.35	0.31	0.37	0.40
1500	70.31	65.80	70.35	0.28	0.33	0.36	0.31	0.38	0.41
1550	58.20	62.31	58.53	0.29	0.34	0.37	0.33	0.38	0.42
1600	60.61	61.94	60.74	0.29	0.34	0.37	0.32	0.39	0.42
1650	61.78	62.05	62.05	0.29	0.35	0.37	0.31	0.38	0.42
1700	61.09	61.05	61.13	0.30	0.35	0.38	0.32	0.39	0.42
1730	60.84	60.30	60.28	0.30	0.35	0.38	0.32	0.39	0.42
1750	59.52	59.62	59.87	0.30	0.36	0.39	0.31	0.39	0.43



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IF/RF MICROWAVE COMPONENTS

REV. OR
CBP4-942C+
210503

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
912	10.03	9.94	9.91
913	9.92	9.83	9.80
914	9.82	9.75	9.72
915	9.73	9.65	9.62
916	9.65	9.58	9.55
917	9.57	9.50	9.47
918	9.50	9.43	9.40
919	9.43	9.37	9.34
920	9.37	9.31	9.28
921	9.31	9.25	9.22
923	9.21	9.15	9.12
924	9.16	9.10	9.07
925	9.10	9.05	9.01
926	9.06	9.01	8.98
927	9.01	8.97	8.93
928	8.98	8.93	8.90
929	8.94	8.90	8.86
930	8.91	8.87	8.83
931	8.88	8.84	8.80
932	8.84	8.81	8.77
933	8.82	8.78	8.75
934	8.79	8.76	8.72
935	8.77	8.74	8.70
936	8.75	8.72	8.69
937	8.74	8.70	8.67
938	8.73	8.69	8.66
939	8.71	8.68	8.65
940	8.70	8.67	8.64
941	8.70	8.67	8.63
942	8.70	8.67	8.63
943	8.69	8.66	8.63
944	8.70	8.67	8.63
945	8.70	8.67	8.64
946	8.71	8.68	8.65
947	8.72	8.69	8.65
948	8.72	8.70	8.66
949	8.74	8.71	8.67
950	8.76	8.73	8.69
951	8.78	8.75	8.71
952	8.80	8.77	8.73
953	8.82	8.80	8.75
954	8.85	8.83	8.78
955	8.88	8.86	8.81
956	8.91	8.89	8.84
957	8.95	8.93	8.88
958	9.00	8.98	8.93
959	9.05	9.03	8.98
960	9.10	9.09	9.03
961	9.16	9.15	9.09
962	9.23	9.22	9.15
963	9.30	9.29	9.22