

Coaxial Band Pass Filter

ZX75BP-750-S+

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	96.49	101.20	104.88	0.00	0.00	0.00	0.00	0.00	0.00
12.0	99.65	103.17	108.72	0.00	0.00	0.00	0.01	0.01	0.01
13.0	99.22	97.73	102.93	0.00	0.00	0.00	0.01	0.01	0.01
40.0	84.88	84.39	84.34	0.00	0.00	0.00	0.02	0.03	0.04
60.0	74.42	74.00	74.17	0.00	0.00	0.00	0.04	0.06	0.07
80.0	66.50	66.59	66.36	0.00	0.00	0.00	0.06	0.10	0.11
100.0	60.64	60.78	60.63	0.00	0.01	0.01	0.10	0.15	0.17
120.0	55.78	55.75	55.71	0.00	0.01	0.01	0.16	0.21	0.24
300.0	35.42	35.46	35.41	0.03	0.05	0.06	0.38	0.49	0.56
380.0	32.74	32.96	33.06	0.07	0.10	0.12	0.49	0.62	0.69
420.0	34.69	34.99	35.26	0.12	0.15	0.17	0.58	0.73	0.81
500.0	42.84	44.29	45.19	0.33	0.42	0.47	0.78	0.98	1.11
524.0	21.68	20.39	19.44	0.65	0.83	0.97	1.03	1.34	1.57
552.0	3.55	3.39	3.26	5.98	7.34	8.50	6.14	7.65	8.87
600.0	0.80	0.99	1.10	24.39	26.23	29.08	22.41	23.62	25.48
750.0	0.72	0.93	1.06	22.62	22.23	21.43	20.81	20.20	19.68
900.0	1.36	1.76	2.02	23.02	21.35	20.31	20.45	19.07	18.12
928.0	2.35	3.08	3.66	16.27	14.97	13.97	17.29	15.36	13.62
968.0	18.70	20.45	21.74	1.52	1.73	1.85	1.17	1.31	1.38
984.0	30.12	32.03	33.47	1.04	1.25	1.36	0.73	0.87	0.95
1000.0	47.88	47.30	46.69	0.82	1.01	1.11	0.54	0.67	0.74
1100.0	41.62	42.30	42.77	0.42	0.55	0.62	0.21	0.30	0.35
1300.0	65.74	66.35	66.98	0.43	0.54	0.62	0.10	0.19	0.23
1400.0	82.16	80.70	79.34	0.49	0.63	0.74	0.08	0.17	0.21
2400.0	87.10	97.56	91.80	0.40	0.64	0.79	0.07	0.23	0.31
2500.0	75.38	76.00	76.00	0.41	0.64	0.79	0.08	0.23	0.32
2600.0	59.07	58.04	57.10	0.42	0.65	0.80	0.09	0.25	0.34
2700.0	59.36	59.59	60.06	0.43	0.66	0.80	0.09	0.26	0.35
2800.0	62.17	62.85	62.99	0.43	0.64	0.78	0.10	0.26	0.36
2900.0	63.87	64.15	63.95	0.43	0.64	0.77	0.10	0.27	0.36
3000.0	64.00	64.27	64.26	0.43	0.64	0.76	0.11	0.28	0.38
3100.0	64.27	64.10	63.95	0.43	0.63	0.76	0.12	0.29	0.39
3200.0	64.01	63.75	63.65	0.43	0.64	0.76	0.12	0.30	0.40
3300.0	63.48	63.25	63.19	0.43	0.63	0.75	0.13	0.31	0.41
3400.0	63.14	62.96	62.80	0.42	0.63	0.75	0.13	0.32	0.42
3500.0	62.43	62.55	62.02	0.42	0.64	0.77	0.13	0.32	0.42
3600.0	61.99	61.74	61.52	0.42	0.64	0.78	0.14	0.33	0.44
3700.0	61.56	61.15	61.08	0.41	0.65	0.80	0.15	0.34	0.44
3800.0	60.96	60.69	60.22	0.41	0.66	0.82	0.16	0.35	0.45
3900.0	60.61	59.94	59.62	0.42	0.68	0.86	0.16	0.36	0.46
4000.0	59.84	59.32	58.90	0.43	0.70	0.89	0.16	0.36	0.47
4100.0	58.98	58.50	57.99	0.44	0.74	0.94	0.17	0.38	0.48
4200.0	58.32	57.63	57.02	0.45	0.77	0.99	0.17	0.38	0.48
4300.0	57.27	56.50	55.61	0.47	0.81	1.06	0.19	0.40	0.50
4400.0	56.00	54.89	53.83	0.52	0.87	1.14	0.20	0.42	0.54
4500.0	54.09	52.63	50.92	0.54	0.92	1.22	0.21	0.45	0.58
4600.0	50.95	48.55	49.19	0.59	1.02	1.35	0.24	0.50	0.65
4700.0	45.48	55.47	60.02	0.72	1.09	1.41	0.30	0.59	0.80
4800.0	65.33	60.60	57.08	0.69	1.15	1.51	0.38	0.83	1.29
4900.0	58.22	53.52	51.20	0.76	1.27	1.65	0.68	1.85	3.55
5000.0	50.40	48.96	51.11	0.84	1.40	1.81	2.70	6.71	3.94
5100.0	49.11	53.90	56.60	0.92	1.55	2.00	4.54	1.88	1.40
5200.0	56.67	59.80	61.56	1.04	1.74	2.25	0.84	0.87	0.87
5300.0	63.39	65.73	65.97	1.19	1.97	2.54	0.41	0.61	0.70
5400.0	67.86	68.86	67.81	1.36	2.25	2.90	0.29	0.52	0.63
5500.0	69.57	69.48	69.41	1.59	2.61	3.37	0.25	0.49	0.60
5600.0	69.07	70.81	72.04	1.86	3.04	3.93	0.22	0.46	0.57
5700.0	73.66	86.96	70.27	2.19	3.57	4.59	0.20	0.44	0.56
5750.0	74.16	70.46	64.72	2.38	3.81	4.89	0.21	0.45	0.56
6000.0	61.64	58.84	56.65	2.69	4.05	5.04	0.17	0.41	0.53



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FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
600.0	5.58	5.47	5.40
604.0	5.33	5.24	5.18
608.0	5.12	5.04	4.99
612.0	4.94	4.87	4.83
616.0	4.78	4.72	4.68
620.0	4.64	4.59	4.56
624.0	4.52	4.47	4.44
628.0	4.41	4.37	4.34
632.0	4.31	4.27	4.25
636.0	4.22	4.18	4.16
640.0	4.13	4.10	4.09
644.0	4.06	4.03	4.02
648.0	3.99	3.97	3.95
652.0	3.93	3.91	3.90
656.0	3.87	3.86	3.85
660.0	3.82	3.81	3.80
664.0	3.78	3.76	3.76
668.0	3.74	3.72	3.72
672.0	3.70	3.69	3.68
676.0	3.67	3.66	3.65
680.0	3.63	3.63	3.62
684.0	3.61	3.60	3.60
700.0	3.52	3.52	3.52
720.0	3.46	3.45	3.45
750.0	3.43	3.43	3.44
840.0	4.03	4.07	4.10
844.0	4.09	4.13	4.17
848.0	4.16	4.20	4.24
852.0	4.23	4.27	4.31
856.0	4.30	4.35	4.40
860.0	4.39	4.44	4.49
864.0	4.48	4.54	4.59
868.0	4.58	4.64	4.69
872.0	4.68	4.75	4.81
876.0	4.80	4.88	4.94
880.0	4.94	5.02	5.09
884.0	5.09	5.18	5.26
888.0	5.26	5.37	5.46
892.0	5.46	5.58	5.68
896.0	5.69	5.83	5.95
900.0	5.96	6.13	6.26