Coaxial Band Pass Filter   ZX75BP-1250-S+

Typical Performance Data

FREQ.	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
	(dB)			(dB)			(dB)		
(MHz)	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C
1	108.02	106.01	104.74	0.00	0.00	0.00	0.00	0.00	0.00
10	98.96	105.31	101.68	0.00	0.00	0.00	0.00	0.00	0.00
50	104.27	98.08	96.44	0.00	0.00	0.01	0.01	0.01	0.01
100	107.12	109.26	106.63	0.00	0.01	0.01	0.01	0.02	0.02
150	98.07	102.98	99.16	0.00	0.01	0.02	0.02	0.04	0.04
200	91.84	91.11	89.16	0.00	0.02	0.02	0.03	0.06	0.07
300	80.16	82.46	82.84	0.00	0.03	0.04	0.09	0.12	0.14
400	74.45	74.59	74.83	0.01	0.04	0.05	0.16	0.20	0.23
500	69.00	69.45	69.52	0.02	0.06	0.08	0.24	0.30	0.33
600	64.02	64.66	64.85	0.03	0.09	0.11	0.33	0.40	0.44
700	60.35	60.59	61.14	0.04	0.11	0.13	0.42	0.51	0.55
800	57.03	57.46	57.79	0.06	0.13	0.16	0.50	0.60	0.66
900	55.34	55.91	56.32	0.09	0.17	0.20	0.57	0.69	0.77
1000	68.43	64.16	61.72	0.14	0.22	0.26	0.61	0.76	0.86
1050	41.87	41.21	40.61	0.18	0.27	0.31	0.63	0.80	0.90
1055	40.30	39.67	39.07	0.19	0.28	0.32	0.63	0.80	0.91
1087	30.60	30.08	29.58	0.24	0.34	0.40	0.65	0.83	0.94
1095	28.18	27.68	27.17	0.25	0.37	0.43	0.66	0.85	0.96
1100	26.65	26.15	25.64	0.27	0.39	0.45	0.67	0.86	0.98
1118	20.96	20.44	19.94	0.35	0.50	0.58	0.73	0.94	1.07
1140	13.49	12.97	12.50	0.67	0.90	1.06	1.02	1.31	1.49
1150	9.97	9.50	9.09	1.08	1.41	1.65	1.43	1.82	2.07
1170	3.85	3.72	3.60	3.87	4.69	5.28	4.32	5.20	5.77
1185	1.57	1.74	1.81	9.44	10.63	11.48	10.28	11.57	12.40
1200	0.94	1.19	1.31	17.30	18.52	19.59	19.62	21.13	22.41
1215	0.79	1.04	1.17	24.60	26.38	27.79	29.23	32.11	35.63
1230	0.74	0.98	1.11	33.09	36.21	36.86	37.75	47.62	52.02
1250	0.71	0.95	1.08	36.48	33.01	34.55	40.76	38.74	47.40
1270	0.71	0.95	1.08	30.20	30.41	32.39	34.39	38.18	44.12
1285	0.72	0.97	1.11	27.30	27.90	28.25	29.63	30.79	29.48
1300	0.78	1.04	1.19	20.93	20.82	20.24	21.20	20.89	19.94
1310	0.89	1.18	1.36	15.99	15.72	15.16	16.07	15.64	14.93
1320	1.15	1.49	1.71	11.57	11.29	10.85	11.70	11.31	10.80
1325	1.38	1.75	2.00	9.64	9.39	9.03	9.82	9.48	9.06
1330	1.70	2.10	2.39	7.93	7.72	7.43	8.16	7.87	7.54
1340	2.66	3.15	3.50	5.16	5.07	4.91	5.48	5.33	5.15
1370	7.86	8.49	8.89	1.30	1.43	1.48	1.78	1.91	1.98
1380	9.93	10.54	10.93	0.87	1.01	1.08	1.37	1.54	1.64
1400	13.96	14.52	14.87	0.45	0.61	0.69	0.99	1.19	1.31
1435	20.18	20.65	20.93	0.24	0.38	0.45	0.80	1.01	1.14
1475	26.11	26.51	26.75	0.17	0.30	0.37	0.74	0.96	1.09
1500	29.39	29.76	29.98	0.16	0.28	0.34	0.72	0.94	1.08
1510	30.63	30.99	31.21	0.16	0.27	0.33	0.72	0.94	1.07
1550	35.40	35.73	35.93	0.15	0.26	0.31	0.70	0.92	1.06
1600	41.35	41.63	41.82	0.14	0.25	0.30	0.69	0.91	1.04
1650	48.48	48.69	48.87	0.14	0.24	0.29	0.68	0.91	1.03
1700	62.48	62.50	62.55	0.14	0.24	0.29	0.68	0.90	1.01
1725	67.98	68.59	69.55	0.14	0.24	0.28	0.68	0.89	1.01
1750	57.30	57.79	58.08	0.14	0.23	0.28	0.69	0.90	1.00
1775	53.14	53.50	53.89	0.14	0.23	0.28	0.70	0.90	1.00
1800	50.60	51.03	51.34	0.13	0.23	0.28	0.71	0.90	1.00
1825	48.82	49.23	49.58	0.13	0.23	0.27	0.72	0.91	1.00
1850	47.48	47.88	48.24	0.13	0.23	0.27	0.74	0.92	1.01
1900	45.56	45.94	46.25	0.12	0.22	0.27	0.77	0.94	1.03
1950	44.11	44.53	44.78	0.12	0.22	0.26	0.81	0.97	1.06
2000	43.03	43.42	43.67	0.11	0.21	0.26	0.86	1.02	1.11
2100	41.41	41.77	41.99	0.09	0.20	0.25	0.97	1.14	1.25
2300	39.39	39.72	39.96	0.07	0.18	0.24	1.19	1.45	1.63
2400	38.74	39.13	39.40	0.05	0.18	0.24	1.27	1.58	1.79
2500	38.22	38.65	38.98	0.04	0.17	0.25	1.34	1.68	1.89

Coaxial Band Pass Filter ZX75BP-1250-S+

Typical Performance Data

FREQ.	GROUP DELAY		
	(nsec)		
(MHz)	@-40°C	@+25°C	@+85°C
1215	6.12	6.02	5.96
1216	6.08	5.99	5.92
1217	6.04	5.95	5.89
1218	5.99	5.91	5.86
1219	5.96	5.88	5.82
1220	5.92	5.85	5.79
1221	5.88	5.81	5.76
1222	5.85	5.79	5.73
1223	5.82	5.75	5.70
1224	5.79	5.73	5.68
1225	5.76	5.70	5.65
1226	5.73	5.67	5.62
1227	5.70	5.64	5.60
1228	5.67	5.62	5.57
1229	5.65	5.60	5.55
1230	5.63	5.57	5.53
1231	5.60	5.55	5.51
1232	5.58	5.52	5.49
1233	5.56	5.51	5.47
1234	5.53	5.49	5.45
1235	5.51	5.46	5.43
1236	5.50	5.45	5.42
1237	5.48	5.43	5.40
1238	5.46	5.41	5.38
1239	5.44	5.40	5.37
1240	5.42	5.38	5.35
1241	5.41	5.36	5.34
1242	5.39	5.35	5.33
1243	5.38	5.34	5.31
1244	5.36	5.32	5.30
1245	5.34	5.31	5.28
1246	5.34	5.30	5.28
1247	5.32	5.29	5.26
1248	5.31	5.28	5.26
1249	5.30	5.27	5.24
1250	5.29	5.26	5.24
1251	5.27	5.24	5.23
1252	5.26	5.23	5.22
1253	5.25	5.23	5.21
1254	5.24	5.22	5.20
1255	5.24	5.21	5.20
1256	5.23	5.21	5.19
1257	5.22	5.20	5.19
1258	5.22	5.19	5.19
1259	5.21	5.19	5.18
1260	5.20	5.18	5.17
1261	5.19	5.18	5.17
1262	5.19	5.18	5.17
1263	5.18	5.17	5.16
1264	5.18	5.17	5.16
1265	5.18	5.17	5.16
1266	5.18	5.17	5.16
1267	5.18	5.16	5.15
1268	5.17	5.16	5.16
1269	5.17	5.16	5.16
1270	5.17	5.16	5.16
1275	5.18	5.18	5.18
1280	5.20	5.20	5.21
1283	5.22	5.23	5.24
1285	5.24	5.25	5.26