

Surface Mount Diplexer

LDP-1050-252+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)		CROSS OVER ISOLATION (dB) (between LPF and HPF)	RETURN LOSS (dB)		
	Low Pass port	High Pass port		Common port	Low Pass port	High Pass port
1.0	0.03	70.85	70.43	47.13	47.44	0.00
5.0	0.04	56.69	56.75	45.83	46.82	0.00
10.0	0.04	50.63	50.68	42.55	43.28	0.00
50.0	0.08	36.71	36.79	30.46	30.53	0.01
100.0	0.11	30.80	30.87	24.17	24.26	0.02
200.0	0.22	25.25	25.23	18.27	18.43	0.06
300.0	0.35	22.54	22.32	15.04	15.29	0.12
400.0	0.49	21.14	20.62	13.10	13.47	0.17
500.0	0.62	20.62	19.75	11.93	12.40	0.22
600.0	0.72	20.78	19.56	11.37	12.00	0.26
700.0	0.78	21.60	20.11	11.43	12.26	0.30
800.0	0.79	23.26	21.83	12.28	13.57	0.32
850.0	0.79	24.76	23.54	13.12	14.83	0.34
900.0	0.78	27.30	26.52	14.35	17.03	0.35
950.0	0.79	32.47	33.14	15.97	21.14	0.38
1000.0	0.84	34.39	38.15	17.49	32.35	0.42
1050.0	0.98	24.52	25.42	16.96	22.22	0.51
1100.0	1.27	18.30	19.57	14.06	14.60	0.69
1150.0	1.80	13.81	15.63	10.95	10.12	1.03
1200.0	2.68	10.37	12.76	8.55	7.12	1.62
1350.0	7.27	4.66	8.25	6.02	4.30	6.21
1400.0	8.86	3.81	7.92	6.36	5.97	9.86
1450.0	10.72	3.07	8.88	7.17	9.62	15.00
1500.0	13.90	2.23	12.04	8.55	7.48	14.17
1550.0	18.48	1.54	17.02	10.44	4.02	13.19
1600.0	23.54	1.12	22.40	12.89	2.45	14.38
1650.0	27.00	0.86	25.88	16.26	1.70	17.27
1700.0	27.16	0.70	26.40	21.36	1.30	22.08
1750.0	26.34	0.63	26.02	30.47	1.06	29.49
1800.0	25.83	0.60	25.84	24.60	0.90	23.87
1940.0	26.39	0.71	26.44	13.48	0.65	13.49
2080.0	28.66	1.01	27.53	9.46	0.54	9.53
2150.0	30.06	1.19	27.95	8.22	0.51	8.31
2220.0	31.38	1.39	28.26	7.26	0.48	7.34
2360.0	32.90	1.81	28.44	5.87	0.45	5.95
2500.0	32.48	2.23	28.13	4.90	0.44	4.98

