

Surface Mount Diplexer

DPL870-960-75+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)		CROSS OVER ISOLATION (dB) Between LPF and BPF	RETURN LOSS (dB)		
	Low Pass Filter	Band Pass Filter		Common Port	Low Pass Port	Band Pass Port
1	0.02	86.39	82.92	63.80	62.57	0.00
10	0.05	88.80	78.80	40.29	40.71	0.00
50	0.09	61.56	60.96	25.91	26.27	0.02
100	0.14	54.28	54.21	20.46	20.63	0.05
300	0.23	48.76	49.10	22.72	22.99	0.24
400	0.25	49.61	50.86	25.01	25.45	0.38
500	0.39	57.19	56.50	15.91	16.18	0.43
600	0.46	61.37	60.49	16.89	17.29	0.39
700	0.46	52.39	51.55	21.19	21.44	0.41
800	0.76	51.35	51.15	18.86	20.03	0.52
870	1.28	43.61	44.26	19.49	22.67	0.73
900	3.09	25.49	28.55	9.75	6.07	1.15
920	8.11	13.40	20.29	7.33	1.22	3.59
960	50.09	1.69	54.00	18.22	0.50	16.37
1000	45.21	1.17	46.37	24.98	0.37	25.49
1050	52.61	0.92	54.19	23.00	0.32	23.33
1125	74.69	0.77	75.42	22.09	0.28	22.57
1200	66.02	0.73	60.50	26.73	0.27	27.13
1300	59.85	0.71	61.75	31.08	0.25	31.57
1400	59.81	0.81	56.04	22.77	0.24	22.27
1600	54.09	1.32	53.55	14.03	0.24	14.92
1700	56.21	4.76	56.28	3.81	0.24	3.65
1790	50.86	10.70	61.71	1.51	0.17	1.28
1850	47.73	14.88	62.87	1.00	0.19	0.84
2000	42.87	26.35	58.46	0.82	0.23	0.58
2500	36.26	37.69	40.87	1.48	0.54	0.41
3000	42.27	38.29	31.35	1.10	1.83	0.88
3500	27.20	42.64	29.12	0.53	3.42	0.86