

Plug-In Diplexer

DPLC-EDU2764+

Typical Performance Data

FREQUENCY	INSERTION LOSS		Cross over isolation	RETURN LOSS		
(MHz)	(dB)		(dB)	(dB)		
	Lowpass port	Highpass port	(between LPF and HPF)	Common port	Lowpass port	Highpass port
1.000	0.04	79.91	78.87	52.06	53.73	0.08
5.000	0.07	67.51	68.01	44.65	48.43	0.06
50.000	0.23	63.85	64.15	28.28	28.34	0.05
82.000	0.80	60.37	59.32	34.35	34.35	0.31
83.500	0.90	62.96	60.65	32.67	35.55	0.35
84.900	1.04	65.72	60.97	29.55	34.29	0.40
85.000	1.06	64.83	61.31	28.91	34.13	0.40
90.000	3.41	54.62	52.69	10.04	10.22	0.66
92.000	10.47	31.63	44.44	4.98	3.24	0.88
93.500	20.97	19.93	44.80	4.16	1.63	1.23
94.000	25.61	16.75	46.18	4.21	1.41	1.44
94.500	31.17	13.85	48.31	4.41	1.26	1.73
95.000	38.13	11.25	51.54	4.82	1.14	2.16
96.000	51.34	7.06	52.36	6.48	0.99	3.67
97.000	47.00	4.36	46.82	9.61	0.88	6.41
98.000	44.40	2.91	45.00	14.13	0.80	10.35
99.000	43.95	2.17	45.17	19.74	0.74	15.08
100.000	45.12	1.76	46.51	26.12	0.70	20.15
102.000	49.94	1.34	51.29	36.60	0.63	29.13
103.000	53.10	1.20	54.62	38.82	0.61	30.81
104.000	57.02	1.09	59.10	39.05	0.59	30.53
104.900	62.64	1.01	66.45	36.35	0.57	29.66
105.000	63.99	0.99	69.03	35.60	0.57	29.56
109.000	62.50	0.78	63.83	27.65	0.53	26.31
109.275	62.64	0.77	63.87	27.46	0.53	26.19
112.855	62.52	0.65	64.07	25.13	0.51	25.07
115.275	64.69	0.59	68.34	24.71	0.50	24.93
118.855	64.27	0.52	69.18	25.09	0.49	25.24
120.000	63.15	0.51	66.46	25.36	0.48	25.45
121.263	61.55	0.48	63.95	25.75	0.48	25.73
124.843	58.64	0.44	59.08	27.23	0.48	26.79
130.000	53.70	0.32	53.47	40.97	0.47	28.98
250.000	60.62	0.18	62.21	38.58	0.38	31.37
500.000	53.36	0.21	52.53	26.82	0.30	25.26
870.000	56.92	0.31	48.91	24.61	0.36	25.54
1000.000	53.76	0.33	53.73	26.71	0.45	24.61
1150.000	50.31	0.37	51.82	26.79	0.60	25.23
1200.000	49.30	0.39	50.79	25.77	0.65	26.33
1218.000	49.16	0.39	50.57	25.49	0.67	26.82
1225.000	49.06	0.39	50.42	25.30	0.67	27.01