

Plug-In Diplexer

DPLC-EDU2765+

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	0.08	77.26	83.78	50.57	51.52	0.05
5.000	0.09	68.23	67.73	45.65	45.28	0.03
50.000	0.24	64.35	65.40	28.25	28.94	0.05
82.000	0.83	60.47	58.37	25.99	27.64	0.31
83.500	0.94	59.68	57.76	26.44	29.73	0.34
84.900	1.07	56.95	55.77	27.01	29.77	0.38
85.000	1.08	56.75	55.50	27.05	29.68	0.38
90.000	3.07	63.14	53.66	12.57	12.52	0.58
92.000	10.28	38.35	51.19	4.22	3.51	0.72
93.500	20.99	26.56	51.43	2.88	1.82	0.92
94.000	25.51	23.34	52.60	2.78	1.57	1.01
94.500	30.80	20.35	54.50	2.78	1.40	1.15
95.000	37.25	17.53	55.93	2.88	1.26	1.33
96.000	49.74	12.43	53.73	3.43	1.07	1.96
97.000	47.55	8.16	48.33	4.77	0.94	3.26
98.000	46.68	5.06	45.43	7.43	0.84	5.73
99.000	44.65	3.20	44.73	11.80	0.76	9.68
100.000	44.69	2.25	45.68	18.03	0.71	15.09
102.000	49.01	1.50	50.15	30.96	0.63	33.40
103.000	52.53	1.32	53.83	27.74	0.60	32.71
104.000	56.98	1.19	57.95	26.27	0.58	28.17
104.900	62.12	1.10	63.08	25.89	0.56	26.49
105.000	62.81	1.09	63.47	25.87	0.56	26.35
109.000	61.73	0.83	63.06	25.64	0.52	24.69
109.275	61.66	0.81	61.85	25.55	0.51	24.67
112.855	60.95	0.68	62.61	24.94	0.50	24.90
115.275	63.32	0.61	67.52	24.84	0.49	25.20
118.855	65.81	0.54	72.21	24.90	0.48	25.48
120.000	64.54	0.52	67.72	24.92	0.48	25.45
121.263	62.50	0.50	65.22	24.93	0.48	25.42
124.843	58.92	0.45	59.01	24.80	0.48	24.99
130.000	55.09	0.40	55.72	24.33	0.48	24.28
250.000	63.85	0.19	65.60	30.89	0.41	31.31
500.000	54.80	0.22	53.47	24.28	0.32	23.30
870.000	51.42	0.29	48.87	25.99	0.38	24.93
1000.000	51.68	0.32	50.62	29.79	0.47	25.01
1150.000	47.24	0.36	47.59	26.93	0.61	28.69
1200.000	45.83	0.38	46.51	25.04	0.66	32.58
1218.000	45.30	0.39	45.99	24.29	0.68	34.06
1225.000	45.25	0.39	45.81	24.04	0.69	34.42



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