

Plug-In Diplexer

DPLC-EDU2534+

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
1.0	0.02	76.82	79.02	52.45	54.07	0.03
5.0	0.02	82.35	78.66	45.66	45.56	0.02
50.0	0.10	73.88	74.10	30.89	32.71	0.00
100.0	0.18	57.73	58.74	30.82	29.02	0.06
201.0	0.77	53.15	52.25	28.30	27.31	0.55
202.5	0.81	52.89	51.60	30.90	29.69	0.56
204.0	0.86	53.15	51.45	36.56	34.86	0.58
216.0	3.39	39.40	42.48	6.60	6.22	0.71
220.0	7.27	30.38	39.86	3.14	2.73	0.77
225.0	14.74	20.90	39.98	1.71	1.20	0.91
228.0	20.11	16.15	41.23	1.58	0.90	1.09
233.0	30.84	9.43	45.32	2.17	0.69	1.87
235.0	36.15	7.21	47.88	2.81	0.65	2.53
240.0	53.00	3.30	58.78	6.05	0.58	5.73
245.0	59.79	1.61	62.05	11.78	0.54	11.36
250.0	69.42	1.03	63.39	19.39	0.50	18.96
258.0	58.60	0.76	59.20	32.21	0.46	36.07
259.0	58.91	0.74	57.89	32.54	0.46	36.41
263.0	56.12	0.68	56.60	31.55	0.44	32.16
265.0	55.41	0.65	55.76	30.98	0.44	30.68
269.0	54.93	0.61	54.87	30.21	0.42	29.04
271.0	54.51	0.59	54.91	29.95	0.42	28.58
275.0	54.79	0.56	54.10	29.69	0.41	27.95
300.0	53.45	0.44	52.26	29.28	0.36	27.22
326.0	48.46	0.38	48.26	30.91	0.34	29.31
350.0	46.39	0.35	46.50	30.24	0.33	31.55
375.0	45.73	0.33	45.55	28.32	0.30	32.02
400.0	45.56	0.31	45.41	27.25	0.28	30.98
425.0	45.87	0.31	45.73	26.79	0.26	30.39
450.0	46.43	0.30	46.11	27.12	0.24	30.60
475.0	47.27	0.30	46.83	27.99	0.22	31.42
500.0	47.64	0.30	47.40	29.24	0.20	32.53
600.0	50.04	0.32	50.06	34.11	0.11	32.77
700.0	50.24	0.35	51.11	27.32	0.07	26.27
800.0	49.51	0.39	49.25	23.75	0.08	23.42
900.0	48.22	0.42	48.23	22.67	0.08	22.55
1000.0	47.62	0.46	47.59	23.46	0.15	22.68
1100.0	47.54	0.49	47.09	24.20	0.22	23.81
1200.0	47.45	0.51	47.95	22.87	0.31	25.91
1220.0	47.30	0.51	48.12	22.12	0.35	26.56



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