

Surface Mount Diplexer

DPLX-EDU1044+

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
50	0.08	60.22	59.90	27.17	27.10	0.00
100	0.13	54.93	53.87	21.81	21.97	0.03
300	0.23	48.73	49.05	23.06	24.44	0.27
301	0.23	48.77	49.00	23.13	24.52	0.27
600	0.43	62.15	59.90	22.16	23.35	0.50
601	0.43	61.43	59.55	22.26	23.45	0.49
840	1.14	47.20	47.94	13.97	13.43	0.67
870	1.43	45.47	51.38	18.50	21.02	0.92
950	43.04	1.74	45.47	15.34	0.38	17.37
975	40.73	1.27	42.15	24.10	0.28	28.31
1055	53.49	1.00	54.05	16.23	0.31	16.89
1125	57.36	0.77	62.89	19.27	0.38	21.16
1400	54.15	0.78	54.55	28.61	0.54	32.22
1500	50.29	0.98	51.67	25.30	0.52	24.31
1550	48.61	0.99	50.57	29.04	0.54	33.34
1700	55.69	5.46	50.97	4.81	0.42	4.19
1790	49.97	11.17	55.17	1.74	0.36	1.36
2000	41.05	25.27	62.35	0.43	0.03	1.00
2100	38.72	36.91	55.95	1.02	0.16	0.96
3000	32.89	33.46	34.05	1.48	1.03	0.14

REV. X1

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IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS9100 CERTIFIED RoHS compliant

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