

Directional Coupler

DCX-ED13056/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
0.3	1.10	10.71	28.20	15.62	17.27	13.93
0.5	1.03	10.68	30.34	17.90	20.66	15.69
0.7	0.97	10.65	31.44	19.12	22.72	16.63
0.9	0.93	10.62	32.50	19.94	24.19	17.29
1.0	0.91	10.61	33.17	20.27	24.80	17.56
4.0	0.77	10.49	42.04	23.19	31.33	20.12
7.0	0.74	10.48	46.17	23.60	32.37	20.53
10.0	0.74	10.47	48.56	23.77	32.60	20.69
25.0	0.74	10.49	52.49	23.96	32.63	20.85
40.0	0.76	10.51	51.75	23.98	32.66	20.80
60.0	0.77	10.53	51.82	24.11	32.23	20.64
80.0	0.78	10.55	50.49	24.06	31.88	20.42
100.0	0.79	10.57	48.91	24.04	31.45	20.15
120.0	0.80	10.59	47.15	24.01	30.90	19.81
140.0	0.80	10.61	45.75	23.89	30.42	19.44
160.0	0.81	10.63	44.48	23.80	30.05	19.05
180.0	0.82	10.65	42.73	23.68	29.62	18.65
200.0	0.82	10.67	41.23	23.50	29.17	18.26
220.0	0.83	10.70	39.79	23.35	28.75	17.86
240.0	0.83	10.72	38.89	23.16	28.43	17.46
260.0	0.84	10.75	37.69	22.99	28.08	17.07
280.0	0.84	10.77	36.55	22.79	27.72	16.69
300.0	0.85	10.79	35.45	22.62	27.38	16.33
330.0	0.85	10.84	34.26	22.40	26.97	15.82
360.0	0.86	10.88	32.84	22.14	26.52	15.32
390.0	0.87	10.92	31.38	21.88	26.04	14.84
420.0	0.88	10.97	30.24	21.62	25.67	14.38
450.0	0.89	11.01	29.15	21.39	25.33	13.97
500.0	0.90	11.09	27.33	21.03	24.73	13.32
550.0	0.91	11.18	25.76	20.74	24.24	12.71
600.0	0.93	11.26	24.33	20.51	23.73	12.17
650.0	0.95	11.36	23.03	20.24	23.24	11.67
700.0	0.96	11.45	21.80	20.02	22.80	11.23
750.0	0.98	11.55	20.63	19.83	22.31	10.81
800.0	1.01	11.65	19.50	19.62	21.82	10.43
1000.0	1.10	12.06	15.69	19.05	20.14	9.24
1200.0	1.25	12.48	12.56	18.39	18.70	8.44
1400.0	1.49	12.90	9.92	17.24	17.72	7.95
1600.0	1.89	13.43	7.65	15.20	17.34	7.73
1800.0	2.56	14.40	5.73	12.53	18.13	7.61
2000.0	3.38	16.07	3.97	9.98	19.02	7.65