

Directional Coupler

PDC-ED12628/2

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
2.0	0.60	20.43	14.58	9.46	9.55	9.29
5.0	0.16	19.60	22.34	16.93	17.03	16.72
10.0	0.10	19.47	28.34	22.93	23.02	22.69
15.0	0.10	19.44	32.05	26.61	26.70	26.31
17.5	0.10	19.43	33.54	28.07	28.17	27.68
20.0	0.11	19.42	34.87	29.41	29.51	28.87
22.5	0.12	19.42	36.38	30.58	30.75	29.90
25.0	0.13	19.42	37.54	31.54	31.85	30.80
27.5	0.14	19.43	38.73	32.23	32.75	31.44
30.0	0.15	19.44	39.73	32.74	33.47	31.87
32.5	0.16	19.45	40.41	33.13	34.01	32.14
35.0	0.17	19.46	40.92	33.40	34.36	32.28
37.5	0.17	19.47	41.08	33.64	34.64	32.36
40.0	0.18	19.48	41.47	33.84	34.83	32.41
42.5	0.18	19.49	41.65	33.99	35.02	32.43
45.0	0.18	19.49	41.77	34.14	35.14	32.45
47.5	0.18	19.50	41.68	34.25	35.22	32.44
50.0	0.19	19.50	41.87	34.40	35.30	32.40
52.5	0.19	19.51	42.00	34.50	35.36	32.43
55.0	0.19	19.51	41.93	34.61	35.43	32.39
57.5	0.19	19.51	42.43	34.71	35.46	32.35
60.0	0.19	19.51	42.35	34.77	35.53	32.34
62.5	0.19	19.52	42.69	34.93	35.63	32.31
65.0	0.19	19.52	42.74	35.05	35.65	32.27
67.5	0.19	19.52	42.57	35.13	35.66	32.20
70.0	0.19	19.52	42.75	35.26	35.67	32.14
72.5	0.19	19.52	42.87	35.36	35.69	32.11
75.0	0.19	19.53	43.04	35.52	35.69	32.04
77.5	0.20	19.52	42.90	35.65	35.72	31.96
80.0	0.19	19.52	43.44	35.76	35.66	31.93
90.0	0.20	19.52	43.26	36.16	35.62	31.61
100.0	0.20	19.51	43.21	36.40	35.49	31.31
110.0	0.20	19.50	43.25	36.50	35.27	30.97
120.0	0.20	19.49	42.64	36.39	35.10	30.62
130.0	0.21	19.48	42.38	35.96	34.89	30.19
140.0	0.21	19.46	42.36	35.26	34.62	29.73
150.0	0.21	19.44	42.80	34.44	34.27	29.21
160.0	0.22	19.43	42.59	33.57	33.82	28.71
180.0	0.23	19.39	41.93	31.67	32.53	27.66
200.0	0.23	19.34	40.12	29.83	31.11	26.46