

Directional Coupler

JDC-ED12163/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
0.3	0.84	19.62	17.26	15.08	15.06	15.50
1.0	0.56	19.72	23.19	21.32	21.64	21.62
2.0	0.47	19.74	26.13	24.51	25.14	24.81
5.0	0.42	19.76	27.65	28.71	30.00	29.20
6.0	0.42	19.75	27.58	29.52	31.00	29.99
8.0	0.42	19.75	27.40	30.73	32.56	31.11
10.0	0.44	19.77	27.23	31.55	33.73	31.85
12.5	0.44	19.78	27.10	32.25	34.78	32.48
15.0	0.44	19.76	27.05	32.73	35.38	32.90
17.5	0.43	19.76	26.92	33.04	35.85	33.16
20.0	0.44	19.76	26.89	33.27	36.22	33.34
22.5	0.44	19.75	26.90	33.46	36.44	33.45
25.0	0.44	19.75	26.79	33.58	36.55	33.48
27.5	0.44	19.76	26.74	33.65	36.64	33.56
30.0	0.44	19.75	26.73	33.73	36.71	33.59
32.5	0.44	19.76	26.69	33.76	36.68	33.57
35.0	0.44	19.76	26.72	33.82	36.67	33.61
37.5	0.44	19.76	26.62	33.81	36.61	33.55
40.0	0.45	19.76	26.64	33.82	36.58	33.54
42.5	0.45	19.76	26.58	33.84	36.52	33.46
45.0	0.45	19.76	26.61	33.81	36.44	33.47
47.5	0.45	19.77	26.52	33.84	36.39	33.43
50.0	0.46	19.77	26.55	33.86	36.34	33.41
52.5	0.46	19.77	26.50	33.84	36.28	33.38
55.0	0.46	19.77	26.46	33.80	36.24	33.28
57.5	0.46	19.78	26.45	33.74	36.19	33.28
60.0	0.46	19.78	26.47	33.71	36.12	33.23
75.0	0.47	19.79	26.34	33.45	35.86	32.84
100.0	0.48	19.81	26.13	33.04	34.89	32.19
200.0	0.53	19.87	25.47	30.23	31.16	29.93
250.0	0.54	19.89	24.90	29.08	29.42	28.92
300.0	0.56	19.91	24.02	27.89	28.41	28.11
350.0	0.58	19.93	23.20	27.06	27.41	27.23
400.0	0.59	19.93	22.44	26.34	26.50	26.75
450.0	0.61	19.93	21.52	25.82	25.86	26.19
500.0	0.63	19.93	20.59	25.31	25.19	25.74
600.0	0.68	19.87	18.79	24.72	24.32	25.25
700.0	0.72	19.84	17.41	24.37	23.57	25.09
800.0	0.77	19.80	16.27	24.29	23.13	24.82
900.0	0.82	19.75	15.20	24.56	22.90	24.75
1000.0	0.87	19.70	14.34	24.69	22.77	25.13