

# Directional Coupler

PDC-15-6+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
0.01	0.18	15.17	51.68	25.48	25.78	27.10
0.02	0.16	15.15	50.17	29.62	30.85	32.77
0.03	0.16	15.14	49.11	31.28	33.50	36.07
0.04	0.16	15.14	48.30	32.04	35.07	38.42
0.05	0.16	15.13	47.89	32.51	36.17	40.39
0.06	0.16	15.13	47.65	32.93	36.80	42.02
0.07	0.16	15.13	47.56	32.97	37.25	43.23
0.08	0.15	15.13	47.56	33.14	37.52	44.15
0.09	0.16	15.13	47.35	33.18	37.76	45.37
0.10	0.16	15.12	47.44	33.23	38.04	46.08
1.00	0.15	15.13	46.59	33.40	38.95	51.78
2.00	0.16	15.13	44.88	33.12	39.35	47.45
3.00	0.16	15.13	43.11	32.85	39.63	44.08
4.00	0.16	15.14	41.32	32.70	39.99	41.48
5.00	0.17	15.14	39.73	32.51	40.17	39.47
6.00	0.17	15.15	38.42	32.45	40.27	37.91
7.00	0.17	15.15	37.12	32.31	40.33	36.48
8.00	0.18	15.15	36.07	32.29	40.25	35.23
9.00	0.18	15.15	35.04	32.15	40.28	34.16
10.00	0.18	15.15	34.14	32.13	40.34	33.23
11.00	0.18	15.16	33.33	32.05	40.41	32.32
12.00	0.19	15.16	32.53	32.03	40.31	31.49
13.00	0.19	15.16	31.83	32.04	40.24	30.82
14.00	0.19	15.16	31.14	32.01	40.13	30.12
15.00	0.19	15.16	30.49	31.91	40.14	29.49
16.00	0.19	15.16	29.88	31.97	39.98	28.94
17.00	0.19	15.16	29.32	31.88	39.82	28.39
18.00	0.20	15.17	28.74	31.93	39.62	27.87
19.00	0.20	15.17	28.22	31.92	39.64	27.34
20.00	0.20	15.17	27.71	31.91	39.50	26.91
21.00	0.20	15.17	27.23	31.99	39.42	26.47
24.00	0.21	15.17	25.84	31.97	39.07	25.24
27.00	0.21	15.17	24.58	32.17	38.61	24.22
28.00	0.21	15.17	24.19	32.21	38.57	23.87
29.00	0.22	15.17	23.80	32.28	38.41	23.55
30.00	0.22	15.17	23.41	32.38	38.49	23.24
31.00	0.22	15.17	23.04	32.48	38.32	22.96
32.00	0.22	15.17	22.67	32.53	38.17	22.66
33.00	0.22	15.16	22.32	32.62	38.11	22.41
34.00	0.22	15.16	21.96	32.69	38.14	22.13
35.00	0.23	15.16	21.62	32.79	37.98	21.89

REV. X1  
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060718  
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