

# Directional Coupler

PDC-10-6+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
0.005	0.47	11.60	38.37	17.44	17.44	17.05
0.006	0.44	11.57	38.27	18.68	18.73	18.29
0.007	0.42	11.54	38.27	19.74	19.87	19.41
0.008	0.41	11.53	38.24	20.60	20.82	20.32
0.009	0.40	11.52	38.27	21.33	21.63	21.08
0.010	0.39	11.51	38.27	21.96	22.32	21.74
0.020	0.36	11.48	38.40	25.19	26.34	25.34
0.030	0.36	11.47	38.59	26.26	27.96	26.65
0.040	0.36	11.47	38.70	26.71	28.77	27.26
0.050	0.35	11.47	38.82	26.93	29.17	27.60
0.060	0.35	11.46	38.94	27.09	29.44	27.78
0.080	0.35	11.46	38.99	27.22	29.67	27.98
0.100	0.35	11.46	39.03	27.29	29.80	28.07
0.200	0.36	11.47	39.11	27.45	29.86	28.07
0.300	0.36	11.47	39.14	27.45	29.91	28.08
0.400	0.36	11.47	39.10	27.49	29.87	28.06
0.500	0.36	11.47	39.15	27.43	29.88	28.13
0.600	0.36	11.47	39.16	27.41	29.95	28.13
0.700	0.36	11.47	39.17	27.38	30.00	28.15
0.800	0.36	11.47	39.22	27.38	30.00	28.17
0.900	0.36	11.47	39.18	27.31	30.09	28.24
1.000	0.36	11.47	39.21	27.29	30.04	28.19
2.000	0.36	11.48	39.28	27.09	30.21	28.40
3.000	0.37	11.48	39.39	26.87	30.27	28.49
4.000	0.37	11.49	39.43	26.75	30.16	28.41
5.000	0.38	11.49	39.40	26.56	30.05	28.31
6.000	0.38	11.50	39.42	26.42	29.96	28.19
7.000	0.38	11.50	39.37	26.29	29.68	27.95
8.000	0.38	11.51	39.21	26.14	29.42	27.76
9.000	0.39	11.51	39.05	25.97	29.23	27.51
10.000	0.39	11.52	38.75	25.80	28.94	27.26
11.000	0.39	11.53	38.41	25.67	28.62	26.90
12.000	0.40	11.53	38.03	25.51	28.32	26.60
13.000	0.40	11.54	37.53	25.32	28.00	26.30
14.000	0.40	11.55	37.01	25.20	27.74	25.96
15.000	0.40	11.55	36.38	24.98	27.39	25.63
16.000	0.41	11.56	35.76	24.84	27.12	25.30
17.000	0.41	11.57	35.10	24.68	26.80	24.97
18.000	0.41	11.58	34.42	24.51	26.48	24.64
19.000	0.42	11.59	33.75	24.34	26.19	24.33
20.000	0.42	11.60	33.02	24.21	25.92	23.97

REV. X1  
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