

# Directional Coupler

PDC-20-3+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
0.2	0.29	19.42	39.65	22.30	21.91	21.73
0.3	0.31	19.43	39.49	25.32	24.53	24.68
0.4	0.31	19.43	39.61	27.09	25.92	26.39
0.5	0.31	19.44	39.61	28.15	26.71	27.42
0.6	0.30	19.43	39.51	28.91	27.26	28.15
0.7	0.29	19.42	39.54	29.49	27.68	28.71
0.8	0.28	19.42	39.63	30.01	28.06	29.20
0.9	0.28	19.41	39.73	30.51	28.43	29.65
1.0	0.27	19.39	39.77	30.93	28.75	30.08
2.0	0.23	19.35	39.46	34.37	31.14	33.40
5.0	0.20	19.32	39.82	38.96	33.50	37.98
7.0	0.20	19.32	39.81	40.09	33.94	39.20
9.0	0.21	19.33	40.19	40.70	34.16	39.85
11.0	0.20	19.33	40.15	40.99	34.25	40.19
13.0	0.21	19.33	40.02	41.14	34.30	40.41
15.0	0.21	19.33	40.43	41.18	34.31	40.46
26.0	0.21	19.34	41.15	40.44	34.09	40.06
37.0	0.22	19.33	41.48	39.30	33.86	39.53
48.0	0.23	19.34	42.56	38.09	33.50	38.87
59.0	0.24	19.35	43.05	36.95	33.10	38.23
70.0	0.23	19.34	45.08	35.95	32.74	37.65
81.0	0.24	19.35	46.36	35.00	32.30	36.98
92.0	0.25	19.33	48.48	34.13	31.87	36.26
103.0	0.25	19.34	50.99	33.29	31.42	35.54
114.0	0.26	19.37	51.49	32.57	30.96	34.77
125.0	0.25	19.36	49.58	31.92	30.54	34.02
128.0	0.25	19.36	48.96	31.81	30.48	33.86
131.0	0.25	19.35	48.45	31.61	30.35	33.64
134.0	0.25	19.35	47.94	31.46	30.29	33.44
137.0	0.25	19.35	45.95	31.30	30.17	33.27
140.0	0.26	19.36	45.85	31.14	30.06	33.07
151.0	0.25	19.34	43.44	30.66	29.73	32.37
162.0	0.27	19.34	41.22	30.16	29.39	31.65
173.0	0.26	19.34	38.64	29.62	28.98	30.94
184.0	0.28	19.37	37.28	29.15	28.64	30.26
195.0	0.27	19.38	35.73	28.68	28.25	29.54
206.0	0.27	19.37	34.46	28.27	27.91	28.82
217.0	0.28	19.34	33.13	27.93	27.60	28.09
228.0	0.30	19.29	31.93	27.60	27.32	27.39
239.0	0.27	19.32	30.91	27.33	27.08	26.73
250.0	0.28	19.40	29.83	27.05	26.87	26.10

REV. X1  
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060718  
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