

Bi-Directional Coupler

PDC-20-1BD+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
0.5	0.26	19.39	60.21	24.59	23.97	24.37
0.6	0.26	19.40	62.60	25.90	25.09	25.23
0.7	0.26	19.40	62.35	26.90	25.91	25.81
0.8	0.26	19.41	61.75	27.74	26.58	26.25
0.9	0.25	19.40	65.22	28.44	27.12	26.60
1.0	0.25	19.40	67.73	29.05	27.58	26.91
2.0	0.22	19.36	60.94	32.92	30.35	28.96
3.0	0.21	19.34	60.69	35.10	31.67	30.21
4.0	0.22	19.33	59.47	36.43	32.35	30.95
5.0	0.20	19.32	59.70	37.28	32.77	31.45
10.0	0.22	19.32	57.50	38.36	33.28	32.38
19.0	0.22	19.33	56.36	37.15	32.98	32.58
28.0	0.23	19.33	53.75	35.40	32.35	32.38
37.0	0.23	19.32	52.55	33.68	31.46	31.96
46.0	0.24	19.31	49.07	32.16	30.56	31.52
55.0	0.25	19.32	46.46	30.75	29.61	30.94
64.0	0.27	19.31	44.29	29.56	28.73	30.41
73.0	0.27	19.28	43.68	28.49	27.91	29.89
82.0	0.27	19.26	41.87	27.51	27.12	29.35
91.0	0.27	19.24	40.37	26.65	26.39	28.81
100.0	0.28	19.24	38.69	25.86	25.72	28.33
105.0	0.31	19.24	38.37	25.47	25.36	28.07
110.0	0.31	19.23	37.32	25.08	25.02	27.83
115.0	0.33	19.23	36.81	24.70	24.69	27.56
120.0	0.33	19.22	36.03	24.35	24.37	27.31
125.0	0.33	19.20	35.55	24.01	24.05	27.06
130.0	0.33	19.18	34.83	23.67	23.76	26.85
135.0	0.32	19.17	34.50	23.36	23.48	26.61
140.0	0.33	19.15	33.88	23.05	23.19	26.40
145.0	0.32	19.13	33.49	22.76	22.92	26.17
150.0	0.33	19.11	32.88	22.48	22.66	25.97
155.0	0.32	19.10	32.58	22.21	22.41	25.77
160.0	0.33	19.07	32.07	21.95	22.16	25.57
165.0	0.32	19.05	31.56	21.68	21.92	25.37
170.0	0.32	19.03	31.19	21.44	21.68	25.17
175.0	0.31	19.00	30.68	21.20	21.47	25.00
180.0	0.31	18.97	30.28	20.97	21.24	24.82
185.0	0.31	18.96	29.91	20.75	21.03	24.65
190.0	0.33	18.97	29.42	20.53	20.82	24.50
195.0	0.37	18.97	29.06	20.33	20.62	24.35
200.0	0.41	18.99	28.76	20.13	20.43	24.19

REV. X1
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