

Bi-Directional Coupler

PDC-10-1BD+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN (dB)	OUT (dB)	CPL
1.0	0.69	11.58	71.26	26.71	21.28	21.23
2.0	0.64	11.53	64.74	30.56	22.77	22.72
3.0	0.61	11.49	64.74	32.39	23.40	23.36
4.0	0.60	11.50	62.78	33.38	23.70	23.67
5.0	0.60	11.49	61.64	33.93	23.87	23.85
6.0	0.59	11.49	58.34	34.27	23.97	23.96
7.0	0.60	11.47	57.68	34.46	24.03	24.02
8.0	0.59	11.48	56.89	34.57	24.07	24.06
9.0	0.60	11.48	56.15	34.61	24.09	24.10
10.0	0.59	11.47	54.80	34.62	24.12	24.11
19.0	0.59	11.49	49.41	34.14	24.15	24.16
28.0	0.62	11.50	46.11	33.26	24.02	24.06
37.0	0.63	11.50	43.47	32.17	23.84	23.89
46.0	0.64	11.51	41.34	31.05	23.60	23.69
55.0	0.67	11.53	39.86	29.91	23.35	23.47
64.0	0.67	11.52	38.43	28.82	23.07	23.22
73.0	0.67	11.50	37.06	27.81	22.76	22.95
82.0	0.67	11.50	36.09	26.90	22.47	22.68
91.0	0.67	11.50	35.12	26.04	22.14	22.40
100.0	0.70	11.51	34.19	25.26	21.82	22.11
110.0	0.75	11.53	33.25	24.47	21.46	21.78
120.0	0.76	11.54	32.25	23.76	21.11	21.47
130.0	0.75	11.53	31.52	23.09	20.76	21.16
140.0	0.75	11.51	30.63	22.47	20.42	20.83
150.0	0.74	11.48	29.98	21.91	20.08	20.54
160.0	0.74	11.47	29.19	21.39	19.75	20.24
170.0	0.74	11.44	28.46	20.89	19.44	19.95
180.0	0.74	11.43	27.87	20.43	19.13	19.67
190.0	0.77	11.43	27.18	20.00	18.82	19.40
200.0	0.85	11.50	26.54	19.59	18.53	19.14
217.0	0.93	11.52	25.66	18.97	18.07	18.71
234.0	0.86	11.43	24.76	18.41	17.64	18.33
251.0	0.80	11.32	23.84	17.88	17.24	17.97
268.0	0.80	11.28	23.00	17.42	16.86	17.63
285.0	0.90	11.35	22.23	16.99	16.50	17.31
302.0	1.08	11.43	21.54	16.60	16.18	17.02
319.0	1.05	11.35	20.86	16.23	15.86	16.76
336.0	0.92	11.18	20.21	15.89	15.58	16.53
353.0	0.88	11.07	19.54	15.58	15.32	16.32
370.0	0.99	11.15	18.94	15.30	15.07	16.12
400.0	1.20	11.20	18.01	14.86	14.68	15.82

REV. X1
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060718
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