

Bi-Directional Coupler

BDCA1-7-33+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
1600.0	1.25	7.46	24.06	27.32	27.49	24.78
1650.0	1.28	7.33	24.32	28.17	28.90	26.29
1675.0	1.30	7.26	24.58	28.50	29.02	27.06
1700.0	1.32	7.20	24.97	29.30	29.66	27.36
1750.0	1.35	7.09	25.37	31.51	33.30	27.80
1775.0	1.37	7.04	25.59	31.35	33.52	28.65
1800.0	1.39	6.99	25.84	31.36	33.24	30.01
1825.0	1.41	6.94	26.12	32.39	34.49	31.32
1850.0	1.42	6.89	26.23	33.78	37.47	31.68
1875.0	1.44	6.85	26.23	34.01	41.58	31.42
1900.0	1.45	6.81	26.42	33.73	42.97	31.83
1925.0	1.46	6.76	26.61	33.87	44.03	33.48
1950.0	1.48	6.73	26.73	33.99	43.88	35.57
1975.0	1.49	6.69	26.72	33.02	41.60	35.93
2000.0	1.50	6.66	26.68	31.71	40.48	34.92
2025.0	1.52	6.63	26.86	31.18	39.63	34.71
2050.0	1.53	6.60	27.11	31.25	36.87	35.90
2075.0	1.54	6.57	27.00	30.80	34.62	37.15
2100.0	1.55	6.54	26.79	29.92	33.35	36.58
2125.0	1.56	6.52	26.75	29.16	32.49	34.92
2150.0	1.57	6.49	26.79	28.53	30.82	33.98
2175.0	1.58	6.47	26.75	28.11	29.15	33.99
2200.0	1.59	6.45	26.50	27.46	28.31	34.23
2225.0	1.59	6.43	26.16	26.58	28.07	33.56
2250.0	1.60	6.42	26.04	26.22	27.99	32.22
2275.0	1.61	6.40	25.92	26.22	27.34	31.38
2300.0	1.62	6.39	25.75	26.04	26.66	31.36
2325.0	1.63	6.38	25.68	25.95	26.65	31.30
2350.0	1.63	6.37	25.56	25.88	26.84	30.64
2375.0	1.64	6.37	25.43	25.62	26.43	29.96
2400.0	1.65	6.37	25.15	25.28	25.46	29.44
2425.0	1.66	6.37	24.73	24.61	24.62	28.75
2450.0	1.66	6.37	24.50	24.05	24.41	27.69
2500.0	1.67	6.36	23.94	24.10	24.11	27.04
2550.0	1.68	6.37	23.64	23.46	23.35	27.17
2600.0	1.68	6.38	23.46	23.69	23.61	25.52
2650.0	1.69	6.40	22.84	23.09	22.79	25.86
2700.0	1.68	6.42	22.53	22.68	22.42	25.20
2750.0	1.69	6.46	22.12	22.70	22.52	25.40
2800.0	1.69	6.49	21.96	22.57	22.24	24.37
2850.00	1.69	6.54	21.72	23.20	22.68	23.40
2900.00	1.69	6.58	21.31	22.74	22.44	23.21
2950.00	1.68	6.63	21.31	23.51	23.09	23.04
3000.00	1.68	6.69	21.21	23.40	22.89	22.85
3025.00	1.68	6.73	21.04	23.49	22.94	22.79
3050.00	1.67	6.76	20.84	23.91	23.66	22.72
3075.00	1.66	6.80	20.77	24.26	24.40	22.50
3100.00	1.66	6.84	20.67	24.12	24.31	22.13
3125.00	1.66	6.88	20.62	23.99	24.02	21.85
3150.00	1.66	6.92	20.60	24.43	24.17	21.94
3175.00	1.65	6.96	20.54	24.89	24.80	22.30
3200.00	1.65	7.01	20.59	25.02	25.17	22.51
3250.00	1.65	7.11	20.40	25.48	25.15	21.52
3300.00	1.65	7.23	20.25	26.37	27.22	20.38

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