

Bi-Directional Coupler

BDCN-15-25

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)		DIRECTIVITY (dB)		RETURN LOSS (dB)			TERM (dB)
		IN	OUT	IN	OUT	IN	OUT	CPL	
824.0	0.37	15.28	15.27	11.52	11.53	26.01	27.03	25.99	25.58
844.0	0.38	15.12	15.12	11.60	11.60	25.72	26.97	25.76	25.29
864.0	0.39	14.98	14.97	11.67	11.68	25.84	26.50	25.52	25.49
880.0	0.39	14.86	14.85	11.74	11.75	25.91	26.15	25.35	25.60
900.0	0.40	14.72	14.71	11.82	11.82	25.70	26.20	25.14	25.31
924.0	0.41	14.56	14.56	11.91	11.92	25.35	26.41	25.00	24.97
948.0	0.42	14.42	14.41	12.00	12.01	25.46	25.87	24.94	25.25
1000.0	0.44	14.11	14.11	12.24	12.25	25.11	25.83	24.37	24.79
1200.0	0.51	13.22	13.22	13.39	13.41	24.78	24.40	23.80	24.91
1400.0	0.57	12.68	12.69	15.02	15.02	24.61	23.73	23.68	24.90
1450.0	0.58	12.60	12.61	15.53	15.53	24.82	23.73	23.54	25.31
1500.0	0.59	12.54	12.55	16.10	16.08	24.39	23.75	23.65	24.79
1550.0	0.60	12.49	12.49	16.70	16.70	24.81	23.30	23.97	25.47
1600.0	0.60	12.47	12.47	17.42	17.39	24.78	23.89	23.88	25.38
1650.0	0.61	12.46	12.46	18.16	18.12	24.61	23.40	24.34	25.19
1700.0	0.61	12.47	12.47	19.05	19.01	25.23	23.52	24.34	26.21
1720.0	0.62	12.48	12.48	19.45	19.41	24.88	23.34	24.62	25.79
1740.0	0.62	12.49	12.50	19.89	19.83	24.66	23.63	24.80	25.46
1760.0	0.62	12.51	12.51	20.32	20.27	24.97	23.93	24.76	25.86
1800.0	0.62	12.55	12.55	21.27	21.23	25.05	23.41	25.12	26.03
1820.0	0.62	12.58	12.58	21.83	21.77	24.86	23.65	25.22	25.68
1840.0	0.62	12.61	12.61	22.42	22.34	25.17	24.04	25.02	26.08
1890.0	0.62	12.69	12.69	24.14	24.08	24.88	23.56	25.49	25.94
1910.0	0.62	12.74	12.73	25.04	24.96	24.90	23.95	25.61	25.91
1950.0	0.62	12.83	12.82	27.03	26.99	25.54	23.92	25.43	26.99
1990.0	0.62	12.94	12.93	29.96	29.95	25.23	24.26	26.32	26.52
2010.0	0.62	13.00	12.99	31.81	31.91	25.63	24.61	26.17	27.16
2030.0	0.61	13.07	13.05	34.14	34.36	25.66	24.38	25.95	27.33
2050.0	0.61	13.14	13.12	37.46	37.95	25.22	24.14	26.21	26.64
2070.0	0.62	13.21	13.20	44.15	45.18	25.18	24.44	26.72	26.51
2090.0	0.61	13.29	13.27	54.32	57.06	25.53	24.75	26.82	27.16
2110.0	0.61	13.37	13.35	41.73	41.27	25.56	24.53	26.57	27.47
2130.0	0.61	13.46	13.44	36.00	35.55	25.17	24.40	26.61	26.89
2150.0	0.61	13.56	13.53	32.41	32.03	25.06	24.85	27.01	26.65
2170.0	0.60	13.65	13.63	29.91	29.61	25.36	25.28	27.35	27.20
2250.0	0.59	14.10	14.06	23.53	23.36	25.57	25.76	27.82	27.34
2350.0	0.58	14.78	14.74	18.50	18.39	25.16	25.93	28.29	26.93
2400.0	0.58	15.20	15.15	16.48	16.37	24.57	25.69	28.82	26.02
2450.0	0.56	15.65	15.61	14.71	14.61	24.38	25.85	28.41	25.72
2500.0	0.56	16.16	16.11	13.05	12.93	24.76	26.59	28.92	26.08
2525.0	0.55	16.45	16.40	12.23	12.11	24.12	25.98	28.45	25.25



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BDCN-15-25
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Page 1 of 1