

Bi-Directional Coupler

BDCN-17-25

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	0.25	18.40	18.40	13.24	13.19	27.22	27.34	26.50	27.52
844.0	0.26	18.23	18.23	13.30	13.24	26.68	27.65	26.37	27.07
864.0	0.26	18.07	18.07	13.37	13.31	26.73	27.23	26.16	27.20
880.0	0.27	17.94	17.94	13.44	13.37	26.92	26.55	26.03	27.45
900.0	0.27	17.78	17.78	13.50	13.44	26.74	26.31	25.89	27.38
924.0	0.28	17.60	17.60	13.59	13.53	26.09	26.83	25.76	26.86
948.0	0.28	17.43	17.43	13.67	13.62	26.11	26.47	25.70	26.97
1000.0	0.30	17.07	17.08	13.88	13.85	25.83	26.07	25.35	26.82
1200.0	0.35	15.96	15.97	14.99	14.98	24.85	24.85	24.83	26.59
1400.0	0.40	15.17	15.18	16.58	16.62	24.10	23.41	25.34	26.58
1450.0	0.41	15.02	15.03	17.09	17.14	24.04	23.79	25.08	26.53
1500.0	0.42	14.87	14.88	17.63	17.67	23.35	23.34	25.52	25.99
1550.0	0.43	14.75	14.75	18.23	18.33	23.79	22.95	25.58	26.74
1600.0	0.44	14.63	14.65	18.91	19.07	23.34	23.58	25.98	26.07
1650.0	0.45	14.53	14.54	19.59	19.81	23.33	22.75	26.38	26.18
1700.0	0.46	14.45	14.46	20.43	20.65	23.72	23.26	26.46	26.58
1720.0	0.46	14.42	14.43	20.78	21.01	23.62	22.75	26.68	26.71
1740.0	0.47	14.39	14.40	21.18	21.40	23.21	22.77	27.05	26.28
1780.0	0.47	14.34	14.35	21.97	22.28	23.47	23.26	27.19	26.48
1800.0	0.48	14.32	14.33	22.36	22.72	23.44	22.72	27.48	26.58
1820.0	0.48	14.30	14.31	22.76	23.19	23.16	22.60	27.94	26.24
1840.0	0.48	14.28	14.29	23.20	23.68	23.27	23.11	27.99	26.14
1880.0	0.48	14.25	14.26	24.13	24.64	23.72	22.87	27.72	26.82
1900.0	0.49	14.24	14.25	24.64	25.18	23.31	22.68	28.26	26.46
1920.0	0.49	14.23	14.24	25.24	25.80	23.29	23.14	28.62	26.21
1955.0	0.49	14.22	14.23	26.34	26.88	23.91	23.07	27.94	27.00
1980.0	0.50	14.22	14.23	26.89	27.42	23.65	22.78	28.32	26.92
2000.0	0.50	14.22	14.23	27.40	27.94	23.63	23.17	29.06	26.72
2020.0	0.50	14.22	14.23	27.76	28.29	24.05	23.66	29.13	26.91
2060.0	0.50	14.24	14.24	27.99	28.51	23.96	23.09	28.50	27.10
2080.0	0.50	14.25	14.25	28.01	28.49	23.90	23.40	28.97	26.80
2100.0	0.50	14.26	14.26	27.88	28.30	24.33	23.91	29.31	27.02
2140.0	0.50	14.30	14.30	27.01	27.21	24.32	23.29	28.51	27.63
2160.0	0.51	14.32	14.32	26.45	26.57	24.23	23.60	28.57	27.36
2200.0	0.50	14.36	14.36	25.10	25.16	24.93	24.26	28.76	27.98
2300.0	0.51	14.54	14.53	21.71	21.69	25.09	24.22	28.13	28.67
2375.0	0.50	14.71	14.70	19.33	19.34	26.11	25.35	27.90	29.27
2425.0	0.51	14.84	14.83	17.97	18.01	26.11	25.41	27.98	29.22
2475.0	0.51	15.01	14.99	16.63	16.69	26.14	25.38	27.19	29.67
2500.0	0.51	15.09	15.06	16.04	16.11	26.53	25.74	27.39	29.32
2525.0	0.49	15.18	15.16	15.42	15.51	27.33	26.72	27.50	30.60



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