

Bi-Directional Coupler

SYBD-ED12832/2

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB) IN-OUT	COUPLING (dB)		DIRECTIVITY (dB)		RETURN LOSS (dB)			
		IN-FWD	OUT-REV	IN-REV	OUT-FWD	IN	OUT	FWD	REV
1500.0	0.10	21.93	21.93	20.48	17.50	25.06	24.90	24.61	24.57
1600.0	0.11	21.45	21.45	20.00	17.01	26.59	26.55	26.85	26.86
1700.0	0.10	20.98	21.00	19.80	16.76	28.87	28.85	29.64	29.62
1750.0	0.11	20.80	20.82	19.62	16.61	30.43	30.48	31.59	31.30
1760.0	0.11	20.75	20.77	19.66	16.63	30.61	30.78	31.86	31.50
1770.0	0.10	20.70	20.72	19.70	16.64	30.89	31.07	32.10	31.64
1780.0	0.11	20.66	20.69	19.72	16.66	31.21	31.35	32.23	31.69
1790.0	0.12	20.63	20.65	19.67	16.62	31.46	31.65	32.31	31.71
1800.0	0.11	20.58	20.61	19.63	16.57	31.71	31.91	32.30	31.66
1810.0	0.12	20.55	20.58	19.59	16.55	31.99	32.14	32.28	31.59
1820.0	0.12	20.52	20.54	19.56	16.55	32.28	32.44	32.33	31.50
1830.0	0.12	20.48	20.51	19.49	16.51	32.54	32.74	32.05	31.47
1840.0	0.11	20.44	20.47	19.43	16.48	32.75	32.97	31.87	31.27
1850.0	0.12	20.42	20.45	19.44	16.50	32.88	33.20	31.71	31.15
1860.0	0.13	20.39	20.42	19.43	16.52	33.00	33.30	31.58	30.96
1870.0	0.12	20.35	20.38	19.45	16.55	33.02	33.49	31.39	30.73
1880.0	0.13	20.31	20.34	19.51	16.58	32.95	33.58	31.07	30.45
1890.0	0.12	20.26	20.29	19.57	16.64	32.87	33.54	30.83	30.16
1900.0	0.13	20.23	20.25	19.62	16.66	32.89	33.40	30.44	29.88
1910.0	0.13	20.19	20.22	19.59	16.65	32.74	33.32	30.08	29.49
1920.0	0.12	20.16	20.19	19.55	16.61	32.63	33.10	29.65	29.17
1930.0	0.14	20.14	20.17	19.51	16.57	32.43	32.88	29.20	28.78
1940.0	0.13	20.10	20.14	19.46	16.55	32.28	32.60	28.84	28.38
1950.0	0.14	20.07	20.11	19.53	16.60	32.00	32.39	28.52	28.06
1960.0	0.15	20.04	20.08	19.61	16.70	31.87	32.26	28.26	27.79
1970.0	0.14	20.00	20.04	19.64	16.75	31.63	31.97	27.94	27.43
1980.0	0.15	19.98	20.01	19.71	16.82	31.41	31.74	27.63	27.10
1990.0	0.14	19.94	19.97	19.74	16.87	31.19	31.41	27.33	26.82
2000.0	0.14	19.91	19.94	19.71	16.92	31.02	31.15	27.10	26.60
2050.0	0.15	19.78	19.81	19.63	16.89	29.46	29.43	25.68	25.36
2075.0	0.16	19.71	19.74	19.77	17.10	28.76	28.84	25.08	24.76
2100.0	0.16	19.66	19.69	19.74	17.18	28.25	28.24	24.66	24.30
2150.0	0.16	19.53	19.55	19.82	17.31	27.05	27.05	23.93	23.49
2200.0	0.16	19.41	19.44	19.94	17.66	26.14	26.12	23.20	22.84
2250.0	0.17	19.31	19.34	19.81	17.86	25.37	25.35	22.75	22.23
2300.0	0.18	19.21	19.23	20.00	18.21	24.55	24.57	22.45	21.86
2350.0	0.18	19.11	19.12	20.23	18.80	24.17	24.30	22.46	21.73
2400.0	0.19	19.02	19.03	20.33	19.22	23.67	23.83	22.40	21.61
2450.0	0.19	18.93	18.93	20.56	19.74	23.50	23.61	22.75	21.70
2500.0	0.20	18.84	18.83	20.80	20.50	23.27	23.59	23.00	21.90
2550.0	0.20	18.73	18.73	21.23	21.50	23.38	23.74	23.70	22.31
2600.0	0.20	18.64	18.62	21.57	22.13	23.51	23.79	24.48	22.97
2625.0	0.21	18.58	18.56	21.92	22.74	23.60	23.97	24.81	23.17
2650.0	0.19	18.51	18.49	22.30	23.63	23.73	24.21	25.29	23.47
2675.0	0.21	18.47	18.45	22.52	24.60	23.91	24.46	25.97	23.88
2700.0	0.21	18.42	18.40	22.82	25.28	24.09	24.69	26.66	24.41
2800.0	0.19	18.18	18.16	24.89	31.17	25.31	26.30	30.21	26.44
2900.0	0.22	18.01	17.99	26.62	44.30	26.84	28.71	31.97	27.44
3000.0	0.21	17.82	17.83	27.99	32.57	28.51	33.08	28.77	26.61
3100.0	0.22	17.67	17.67	28.06	26.84	28.47	35.46	24.81	24.26
3200.0	0.24	17.51	17.50	27.61	23.75	26.75	31.22	22.02	22.06
3300.0	0.26	17.36	17.34	26.63	21.33	24.47	26.96	20.28	20.53
3400.0	0.27	17.19	17.18	25.04	19.40	22.35	23.76	19.07	19.42
3500.0	0.29	17.03	17.03	23.48	18.11	20.65	21.66	18.33	18.72