

Bi-Directional Coupler

SYBD-ED12762/2

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	0.20	16.64	16.59	25.82	25.10	31.83	28.88	36.56	38.57
1550.0	0.21	16.39	16.34	26.02	25.18	33.57	30.16	39.20	42.48
1600.0	0.22	16.14	16.09	25.86	25.12	35.80	32.26	44.48	46.70
1650.0	0.22	15.91	15.87	25.78	25.18	37.57	35.05	43.12	42.57
1700.0	0.23	15.69	15.64	25.51	24.79	37.14	38.63	40.47	39.42
1750.0	0.24	15.48	15.44	25.49	24.90	34.46	42.66	36.15	34.86
1760.0	0.25	15.44	15.39	25.55	24.96	33.90	42.74	35.79	34.38
1770.0	0.23	15.39	15.34	25.55	25.00	33.58	42.25	35.22	33.93
1780.0	0.25	15.36	15.32	25.52	24.93	33.08	41.72	34.65	33.55
1790.0	0.25	15.32	15.27	25.44	24.85	32.53	40.76	34.14	33.30
1800.0	0.24	15.27	15.23	25.38	24.77	32.07	39.87	33.61	32.82
1810.0	0.26	15.25	15.20	25.27	24.65	31.58	38.84	33.12	32.37
1820.0	0.26	15.21	15.17	25.20	24.61	31.05	37.93	32.56	31.74
1830.0	0.26	15.17	15.13	25.09	24.61	30.46	36.88	32.00	31.22
1840.0	0.26	15.13	15.09	24.99	24.58	29.97	35.78	31.74	30.70
1850.0	0.26	15.10	15.06	25.03	24.67	29.56	34.99	31.27	30.35
1860.0	0.27	15.06	15.02	25.03	24.72	29.25	34.22	31.02	29.97
1870.0	0.28	15.03	14.98	25.06	24.76	28.76	33.64	30.70	29.73
1880.0	0.27	14.99	14.94	25.09	24.75	28.47	33.08	30.35	29.50
1890.0	0.27	14.95	14.90	25.11	24.69	28.12	32.61	30.06	29.26
1900.0	0.27	14.90	14.86	25.14	24.65	27.84	32.23	29.74	29.06
1910.0	0.27	14.87	14.83	25.08	24.55	27.54	31.71	29.43	28.82
1920.0	0.28	14.84	14.80	24.96	24.38	27.11	31.20	29.09	28.53
1930.0	0.29	14.82	14.77	24.89	24.33	26.77	30.65	28.79	28.36
1940.0	0.28	14.77	14.73	24.86	24.29	26.40	30.11	28.57	27.99
1950.0	0.28	14.73	14.69	24.88	24.37	26.11	29.65	28.29	27.70
1960.0	0.30	14.71	14.67	24.87	24.40	25.89	29.20	28.05	27.47
1970.0	0.29	14.66	14.63	24.86	24.46	25.56	28.87	27.85	27.26
1980.0	0.30	14.64	14.61	24.87	24.46	25.32	28.50	27.59	26.99
1990.0	0.30	14.60	14.56	24.90	24.49	25.10	28.21	27.39	26.79
2000.0	0.30	14.57	14.53	24.94	24.46	24.92	28.00	27.20	26.62
2050.0	0.31	14.41	14.38	24.64	23.96	23.79	26.49	26.06	25.71
2100.0	0.33	14.27	14.23	24.64	24.00	22.92	25.24	25.47	24.80
2150.0	0.34	14.12	14.08	24.57	23.78	22.20	24.32	24.71	24.20
2200.0	0.36	13.98	13.95	24.58	23.79	21.56	23.35	24.23	23.54
2250.0	0.37	13.85	13.81	24.35	23.54	21.04	22.82	23.79	23.23
2300.0	0.38	13.73	13.69	24.13	23.34	20.48	22.19	23.35	22.65
2350.0	0.40	13.61	13.57	24.19	23.37	20.22	21.87	23.20	22.65
2400.0	0.40	13.48	13.44	23.88	22.88	19.82	21.46	22.95	22.21
2450.0	0.41	13.36	13.33	23.69	22.76	19.67	21.28	23.02	22.26
2500.0	0.43	13.24	13.20	23.80	22.48	19.49	21.21	22.94	22.15
2550.0	0.44	13.12	13.09	23.60	22.39	19.54	21.24	23.16	22.30
2600.0	0.44	13.00	12.96	23.42	21.99	19.53	21.39	23.34	22.56
2650.0	0.44	12.87	12.82	23.45	21.93	19.62	21.65	23.64	22.75
2700.0	0.46	12.77	12.71	23.49	21.83	19.88	22.04	24.16	23.40
2800.0	0.45	12.52	12.44	23.19	21.35	20.54	23.27	25.32	24.65
2900.0	0.48	12.31	12.23	23.18	20.88	21.31	25.01	27.27	26.79
3000.0	0.49	12.10	12.01	23.33	20.64	22.26	27.72	29.57	29.75
3100.0	0.50	11.91	11.82	23.46	20.41	22.99	31.02	31.98	33.95
3200.0	0.52	11.73	11.63	23.45	20.17	23.32	33.26	31.63	39.87
3300.0	0.54	11.57	11.46	23.30	20.02	23.24	30.83	29.40	35.32
3400.0	0.56	11.40	11.28	23.43	19.83	22.61	27.40	27.07	30.43
3500.0	0.58	11.25	11.12	23.35	19.75	21.82	25.01	25.37	27.11