

Bi-Directional Coupler

SYBD-ED12762/4

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
800.0	0.12	21.77	21.73	25.05	23.83	28.92	26.92	29.17	29.75
850.0	0.12	21.26	21.21	25.41	23.98	28.56	26.62	28.78	29.34
880.0	0.11	20.96	20.91	25.43	24.02	28.21	26.37	28.57	29.35
900.0	0.13	20.79	20.74	25.41	24.03	27.93	26.14	28.50	29.21
920.0	0.12	20.59	20.55	25.40	24.12	27.74	25.99	28.41	29.13
940.0	0.13	20.42	20.38	25.27	24.18	27.58	25.81	28.33	28.95
950.0	0.13	20.33	20.28	25.28	24.20	27.55	25.77	28.31	28.94
960.0	0.13	20.24	20.20	25.28	24.19	27.52	25.70	28.30	28.89
980.0	0.14	20.07	20.03	25.28	24.12	27.32	25.50	28.19	28.84
990.0	0.14	19.99	19.94	25.27	24.06	27.18	25.38	28.16	28.89
1000.0	0.14	19.91	19.86	25.34	24.02	27.10	25.29	28.16	28.91
1010.0	0.14	19.83	19.78	25.38	24.03	27.03	25.24	28.16	28.88
1020.0	0.14	19.75	19.70	25.46	24.04	27.00	25.19	28.19	28.88
1030.0	0.15	19.67	19.62	25.51	24.10	26.96	25.17	28.21	28.86
1040.0	0.15	19.59	19.54	25.61	24.16	26.96	25.17	28.24	28.87
1050.0	0.15	19.51	19.46	25.71	24.22	27.03	25.19	28.27	28.96
1060.0	0.15	19.43	19.39	25.82	24.28	27.07	25.24	28.31	28.93
1070.0	0.16	19.35	19.31	25.76	24.28	27.06	25.22	28.29	28.91
1080.0	0.15	19.27	19.23	25.71	24.29	27.00	25.19	28.24	28.86
1090.0	0.15	19.19	19.15	25.63	24.24	26.93	25.14	28.22	28.82
1100.0	0.15	19.12	19.07	25.63	24.27	26.91	25.10	28.23	28.86
1110.0	0.15	19.04	19.00	25.70	24.28	26.93	25.07	28.30	28.94
1120.0	0.15	18.97	18.93	25.64	24.30	26.85	25.02	28.37	28.99
1130.0	0.15	18.90	18.85	25.61	24.33	26.82	25.01	28.47	29.11
1140.0	0.16	18.83	18.78	25.63	24.37	26.86	25.02	28.59	29.22
1150.0	0.16	18.76	18.71	25.68	24.40	26.93	25.05	28.72	29.39
1160.0	0.16	18.69	18.64	25.75	24.47	26.99	25.10	28.82	29.48
1170.0	0.16	18.62	18.57	25.84	24.46	27.06	25.13	28.87	29.54
1180.0	0.16	18.54	18.49	25.91	24.48	27.07	25.14	28.89	29.56
1190.0	0.16	18.47	18.42	25.96	24.49	27.08	25.16	28.92	29.59
1200.0	0.16	18.40	18.35	26.02	24.48	27.09	25.17	28.99	29.66
1210.0	0.16	18.34	18.29	26.05	24.46	27.11	25.17	29.04	29.79
1220.0	0.16	18.28	18.22	26.04	24.43	27.08	25.18	29.12	29.84
1230.0	0.17	18.21	18.16	26.03	24.44	27.08	25.19	29.22	29.94
1240.0	0.17	18.14	18.09	26.01	24.46	27.10	25.22	29.35	30.08
1250.0	0.17	18.08	18.02	26.04	24.55	27.20	25.32	29.56	30.27
1260.0	0.17	18.02	17.97	26.02	24.60	27.33	25.41	29.76	30.46
1270.0	0.17	17.95	17.90	26.01	24.70	27.48	25.52	29.93	30.65
1280.0	0.18	17.89	17.84	26.03	24.76	27.61	25.61	30.08	30.82
1290.0	0.17	17.82	17.77	26.04	24.80	27.76	25.71	30.24	31.02
1300.0	0.17	17.76	17.70	26.06	24.83	27.88	25.79	30.41	31.21
1310.0	0.17	17.69	17.64	26.11	24.86	27.96	25.85	30.55	31.37
1320.0	0.18	17.64	17.59	26.11	24.79	28.04	25.86	30.69	31.52
1330.0	0.18	17.57	17.52	26.01	24.73	28.07	25.86	30.84	31.67
1340.0	0.18	17.52	17.47	25.97	24.72	28.13	25.91	31.03	31.83
1350.0	0.18	17.46	17.41	25.94	24.76	28.28	25.98	31.29	32.04
1360.0	0.18	17.41	17.35	25.96	24.81	28.43	26.12	31.57	32.33
1370.0	0.19	17.35	17.29	25.95	24.86	28.63	26.28	31.88	32.65
1380.0	0.18	17.28	17.22	25.99	24.90	28.85	26.45	32.16	33.00
1390.0	0.19	17.23	17.18	26.02	24.92	29.06	26.64	32.44	33.36
1400.0	0.19	17.18	17.13	26.06	24.96	29.33	26.82	32.71	33.70
1450.0	0.19	16.90	16.85	25.89	24.95	30.33	27.62	34.12	35.25
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