

Bi-Directional Coupler

SYBD-ED12832/5

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
600.0	0.04	29.43	29.35	29.50	27.13	29.96	30.13	27.64	28.08
620.0	0.04	29.14	29.10	28.67	26.47	29.72	29.81	27.26	27.69
640.0	0.04	28.87	28.85	28.30	25.97	29.36	29.25	26.86	27.25
650.0	0.05	28.74	28.73	28.16	25.80	29.18	29.04	26.69	27.08
660.0	0.05	28.61	28.60	28.00	25.70	28.96	28.85	26.52	26.91
670.0	0.05	28.49	28.48	27.82	25.50	28.73	28.62	26.31	26.68
680.0	0.04	28.35	28.35	27.59	25.30	28.48	28.40	26.09	26.44
690.0	0.05	28.24	28.24	27.52	25.21	28.28	28.22	25.90	26.21
700.0	0.06	28.12	28.12	27.40	25.03	28.16	28.12	25.74	26.04
720.0	0.05	27.88	27.88	27.14	24.85	27.90	27.89	25.43	25.72
730.0	0.05	27.77	27.76	27.01	24.70	27.75	27.75	25.24	25.54
740.0	0.05	27.66	27.65	26.85	24.59	27.57	27.58	25.08	25.37
750.0	0.05	27.54	27.54	26.78	24.46	27.41	27.48	24.94	25.19
760.0	0.05	27.43	27.43	26.67	24.31	27.25	27.30	24.81	25.06
770.0	0.05	27.32	27.32	26.58	24.13	27.10	27.10	24.66	24.89
780.0	0.06	27.22	27.22	26.40	23.91	26.87	26.86	24.48	24.71
790.0	0.06	27.11	27.11	26.21	23.80	26.71	26.72	24.33	24.50
800.0	0.06	27.01	27.01	26.12	23.70	26.58	26.58	24.21	24.39
810.0	0.05	26.90	26.90	26.01	23.60	26.47	26.47	24.13	24.27
820.0	0.06	26.80	26.80	25.91	23.45	26.39	26.34	23.97	24.13
830.0	0.06	26.70	26.70	25.85	23.39	26.28	26.24	23.83	24.00
840.0	0.06	26.61	26.61	25.76	23.26	26.22	26.13	23.69	23.85
850.0	0.06	26.50	26.50	25.68	23.17	26.16	26.06	23.58	23.77
860.0	0.06	26.41	26.40	25.64	23.05	26.11	26.00	23.47	23.69
870.0	0.06	26.31	26.31	25.46	22.88	25.92	25.83	23.34	23.58
880.0	0.06	26.21	26.21	25.33	22.70	25.77	25.68	23.24	23.46
890.0	0.06	26.13	26.12	25.16	22.56	25.60	25.53	23.12	23.32
900.0	0.07	26.04	26.03	25.04	22.44	25.49	25.42	23.06	23.25
910.0	0.07	25.95	25.94	25.09	22.34	25.45	25.31	22.97	23.16
920.0	0.06	25.84	25.84	24.95	22.23	25.29	25.18	22.90	23.04
930.0	0.06	25.76	25.76	24.86	22.13	25.19	25.09	22.81	22.94
940.0	0.07	25.69	25.68	24.73	22.08	25.12	25.00	22.71	22.83
950.0	0.06	25.59	25.58	24.69	22.04	25.07	24.95	22.64	22.77
960.0	0.07	25.50	25.50	24.64	21.92	24.99	24.88	22.59	22.72
970.0	0.07	25.42	25.42	24.54	21.80	24.90	24.80	22.52	22.65
980.0	0.08	25.34	25.33	24.42	21.64	24.80	24.69	22.45	22.57
990.0	0.07	25.25	25.25	24.31	21.50	24.70	24.57	22.38	22.49
1000.0	0.07	25.17	25.17	24.21	21.38	24.60	24.48	22.33	22.43
1020.0	0.08	25.01	25.01	23.94	21.10	24.41	24.29	22.21	22.29
1040.0	0.08	24.85	24.85	23.82	20.88	24.25	24.10	22.06	22.16
1050.0	0.08	24.78	24.78	23.71	20.81	24.20	24.07	22.01	22.12
1060.0	0.08	24.70	24.70	23.60	20.75	24.16	24.05	21.98	22.07
1070.0	0.09	24.62	24.62	23.55	20.68	24.11	24.03	21.93	22.03
1080.0	0.09	24.55	24.54	23.44	20.58	24.06	23.96	21.88	21.97
1090.0	0.08	24.47	24.46	23.35	20.49	23.99	23.91	21.85	21.91
1100.0	0.08	24.39	24.39	23.32	20.40	23.97	23.88	21.83	21.89
1120.0	0.08	24.25	24.24	23.17	20.19	23.87	23.77	21.83	21.87
1140.0	0.08	24.10	24.10	23.03	20.05	23.75	23.65	21.83	21.87
1150.0	0.09	24.03	24.03	22.96	19.96	23.73	23.63	21.86	21.88
1160.0	0.09	23.97	23.96	22.89	19.87	23.72	23.59	21.87	21.90
1170.0	0.09	23.90	23.90	22.79	19.78	23.66	23.58	21.88	21.88
1180.0	0.08	23.82	23.82	22.74	19.68	23.63	23.56	21.87	21.88
1190.0	0.08	23.76	23.75	22.64	19.62	23.60	23.53	21.86	21.85
1200.0	0.08	23.69	23.68	22.53	19.51	23.59	23.52	21.87	21.85