

Bi-Directional Coupler

SYBD-ED12762/3

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
1300.0	0.17	17.76	17.70	26.06	24.83	27.88	25.79	30.41	31.21
1320.0	0.18	17.64	17.59	26.11	24.79	28.04	25.86	30.69	31.52
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
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
1410.0	0.19	17.13	17.07	26.05	24.98	29.52	27.00	32.98	34.05
1420.0	0.19	17.06	17.01	26.06	25.04	29.71	27.15	33.20	34.24
1430.0	0.18	17.01	16.96	26.05	25.04	29.89	27.28	33.41	34.55
1440.0	0.19	16.96	16.90	26.04	24.98	30.09	27.42	33.65	34.76
1450.0	0.19	16.90	16.85	25.89	24.95	30.33	27.62	34.12	35.25
1460.0	0.19	16.85	16.79	25.86	24.92	30.56	27.80	34.51	35.75
1470.0	0.20	16.80	16.75	25.86	24.99	30.77	28.05	34.97	36.33
1480.0	0.20	16.74	16.69	25.82	25.00	31.14	28.29	35.49	37.02
1490.0	0.20	16.69	16.64	25.85	25.04	31.51	28.58	36.03	37.73
1500.0	0.20	16.64	16.59	25.82	25.10	31.83	28.88	36.56	38.57
1510.0	0.20	16.59	16.54	25.89	25.14	32.24	29.14	37.12	39.24
1520.0	0.20	16.54	16.49	25.87	25.14	32.58	29.43	37.65	40.00
1530.0	0.20	16.49	16.43	25.96	25.14	32.95	29.64	38.11	40.61
1540.0	0.21	16.44	16.40	25.91	25.17	33.26	29.94	38.64	41.65
1550.0	0.21	16.39	16.34	26.02	25.18	33.57	30.16	39.20	42.48
1560.0	0.22	16.34	16.29	26.03	25.19	33.83	30.49	40.09	43.57
1570.0	0.21	16.28	16.23	25.95	25.11	34.34	30.80	41.21	44.60
1580.0	0.21	16.24	16.19	25.94	25.05	34.80	31.26	42.49	45.85
1590.0	0.21	16.19	16.14	25.89	25.07	35.26	31.73	43.62	46.72
1600.0	0.22	16.14	16.09	25.86	25.12	35.80	32.26	44.48	46.70
1610.0	0.22	16.10	16.05	25.86	25.15	36.34	32.84	44.70	46.07
1620.0	0.21	16.04	15.99	25.85	25.20	36.75	33.41	44.47	44.86
1630.0	0.22	16.01	15.96	25.81	25.24	37.06	34.00	43.84	44.25
1640.0	0.22	15.96	15.92	25.81	25.25	37.35	34.57	43.39	43.28
1650.0	0.22	15.91	15.87	25.78	25.18	37.57	35.05	43.12	42.57
1660.0	0.22	15.86	15.81	25.75	25.10	37.67	35.64	43.01	42.20
1670.0	0.23	15.83	15.78	25.73	25.02	37.65	36.22	42.79	41.71
1680.0	0.22	15.78	15.73	25.60	24.89	37.64	36.85	42.28	41.21
1690.0	0.23	15.74	15.69	25.54	24.83	37.40	37.66	41.40	40.35
1700.0	0.23	15.69	15.64	25.51	24.79	37.14	38.63	40.47	39.42
1710.0	0.23	15.65	15.60	25.45	24.76	36.69	39.56	39.51	38.28
1720.0	0.23	15.61	15.56	25.47	24.78	36.14	40.57	38.45	37.24
1730.0	0.24	15.57	15.52	25.43	24.84	35.55	41.73	37.53	36.31
1740.0	0.23	15.52	15.47	25.47	24.88	34.91	42.40	36.76	35.45
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
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
1820.0	0.26	15.21	15.17	25.20	24.61	31.05	37.93	32.56	31.74
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