

Bi-Directional Coupler

SYBD-ED12832/3

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	0.09	23.05	23.04	21.71	18.74	23.61	23.59	22.31	22.29
1320.0	0.09	22.93	22.92	21.65	18.63	23.67	23.66	22.42	22.39
1340.0	0.10	22.80	22.80	21.46	18.48	23.71	23.71	22.53	22.49
1350.0	0.09	22.75	22.75	21.35	18.38	23.76	23.76	22.60	22.57
1380.0	0.09	22.57	22.56	21.15	18.19	23.91	23.90	22.97	22.92
1400.0	0.10	22.47	22.46	21.02	18.07	24.04	24.02	23.22	23.17
1410.0	0.10	22.42	22.41	20.98	18.03	24.13	24.08	23.33	23.29
1420.0	0.09	22.35	22.35	20.88	17.93	24.19	24.14	23.41	23.37
1430.0	0.10	22.31	22.29	20.78	17.80	24.29	24.21	23.50	23.45
1440.0	0.09	22.25	22.25	20.71	17.70	24.38	24.27	23.59	23.55
1450.0	0.10	22.20	22.20	20.65	17.64	24.47	24.38	23.69	23.65
1460.0	0.09	22.14	22.14	20.60	17.59	24.59	24.46	23.84	23.79
1470.0	0.09	22.10	22.09	20.54	17.54	24.68	24.57	24.00	23.93
1480.0	0.10	22.04	22.04	20.55	17.52	24.79	24.68	24.18	24.14
1490.0	0.10	21.98	21.99	20.54	17.52	24.90	24.79	24.40	24.34
1500.0	0.10	21.93	21.93	20.48	17.50	25.06	24.90	24.61	24.57
1510.0	0.10	21.88	21.89	20.39	17.47	25.18	25.03	24.82	24.84
1520.0	0.10	21.84	21.84	20.35	17.38	25.32	25.16	25.02	25.05
1530.0	0.09	21.77	21.78	20.33	17.33	25.44	25.30	25.22	25.27
1540.0	0.10	21.73	21.74	20.32	17.31	25.56	25.45	25.38	25.47
1550.0	0.11	21.68	21.69	20.29	17.27	25.71	25.59	25.56	25.65
1560.0	0.10	21.64	21.64	20.24	17.20	25.86	25.75	25.78	25.84
1570.0	0.10	21.58	21.58	20.20	17.15	25.99	25.93	26.02	26.02
1580.0	0.10	21.53	21.53	20.16	17.09	26.18	26.10	26.28	26.28
1590.0	0.11	21.49	21.49	20.06	17.05	26.38	26.32	26.55	26.54
1600.0	0.11	21.45	21.45	20.00	17.01	26.59	26.55	26.85	26.86
1610.0	0.10	21.39	21.40	20.04	17.03	26.78	26.77	27.18	27.18
1620.0	0.09	21.33	21.35	20.08	17.02	27.02	26.98	27.49	27.52
1630.0	0.11	21.30	21.31	20.05	16.99	27.22	27.15	27.79	27.84
1640.0	0.11	21.26	21.27	19.89	16.91	27.48	27.39	28.10	28.10
1650.0	0.11	21.22	21.23	19.82	16.86	27.69	27.59	28.37	28.38
1660.0	0.10	21.17	21.19	19.72	16.79	27.90	27.79	28.62	28.64
1670.0	0.11	21.14	21.15	19.73	16.76	28.10	28.07	28.86	28.84
1680.0	0.10	21.08	21.10	19.75	16.76	28.34	28.31	29.12	29.04
1690.0	0.10	21.03	21.05	19.79	16.76	28.59	28.59	29.35	29.33
1700.0	0.10	20.98	21.00	19.80	16.76	28.87	28.85	29.64	29.62
1710.0	0.10	20.94	20.96	19.75	16.74	29.16	29.15	29.97	29.94
1720.0	0.10	20.91	20.93	19.66	16.67	29.49	29.54	30.38	30.31
1730.0	0.11	20.87	20.89	19.60	16.60	29.89	29.85	30.80	30.68
1740.0	0.11	20.83	20.86	19.59	16.58	30.16	30.17	31.26	31.00
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
1880.0	0.13	20.31	20.34	19.51	16.58	32.95	33.58	31.07	30.45
1900.0	0.13	20.23	20.25	19.62	16.66	32.89	33.40	30.44	29.88