Bi-Directional Coupler SYBD-ED12762/1A

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)	COUPLING (dB)		DIRECTIVITY (dB)		RETURN LOSS (dB)			
	IN-OUT	IN-FWD	OUT-REV	IN-REV	OUT-FWD	IN	OUT	FWD	REV
2500.0	0.43	13.24	13.20	23.80	22.48	19.49	21.21	22.94	22.15
2700.0	0.46	12.77	12.71	23.49	21.83	19.88	22.04	24.16	23.40
2750.0	0.45	12.63	12.57	23.29	21.33	20.01	22.36	24.64	23.58
2800.0	0.45	12.52	12.44	23.19	21.35	20.54	23.27	25.32	24.65
2850.0	0.48	12.42	12.35	23.36	20.98	20.73	23.85	26.15	25.16
2900.0	0.48	12.31	12.23	23.18	20.88	21.31	25.01	27.27	26.79
2950.0	0.48	12.20	12.12	23.36	20.80	21.70	26.12	28.27	27.92
3000.0	0.49	12.10	12.01	23.33	20.64	22.26	27.72	29.57	29.75
3050.0	0.49	12.00	11.90	23.53	20.59	22.65	29.32	30.77	31.85
3100.0	0.50	11.91	11.82	23.46	20.41	22.99	31.02	31.98	33.95
3150.0	0.51	11.82	11.73	23.35	20.43	23.41	32.89	31.81	39.91
3200.0	0.52	11.73	11.63	23.45	20.17	23.32	33.26	31.63	39.87
3250.0	0.53	11.65	11.54	23.25	20.17	23.61	32.89	30.48	37.61
3300.0	0.54	11.57	11.46	23.30	20.02	23.24	30.83	29.40	35.32
3350.0	0.55	11.48	11.36	23.32	19.85	23.03	29.24	28.28	30.95
3400.0	0.56	11.40	11.28	23.43	19.83	22.61	27.40	27.07	30.43
3450.0	0.58	11.32	11.20	23.31	19.52	22.24	26.06	26.42	28.03
3500.0	0.58	11.25	11.12	23.35	19.75	21.82	25.01	25.37	27.11
3550.0	0.60	11.17	11.05	23.73	19.55	21.32	24.03	25.07	25.99
3600.0	0.61	11.10	10.97	23.43	19.62	20.99	23.29	24.16	25.22
3650.0	0.62	11.02	10.91	23.63	19.56	20.66	22.73	24.11	24.76
3700.0	0.62	10.94	10.84	23.55	19.67	20.39	22.23	23.58	24.06
3800.0	0.64	10.81	10.73	23.52	19.41	19.90	21.33	23.36	23.52
3850.0	0.65	10.76	10.68	23.78	19.73	19.89	21.15	23.42	23.73
3900.0	0.65	10.69	10.62	24.13	19.51	19.75	20.95	23.46	23.18
3950.0	0.66	10.63	10.56	24.08	19.73	19.76	20.90	23.48	23.51
4000.0	0.67	10.57	10.52	24.47	19.64	19.77	20.93	23.70	23.13
4100.0	0.67	10.45	10.41	25.07	20.03	20.00	21.11	24.33	23.67
4200.0	0.70	10.37	10.33	25.40	20.22	20.36	21.27	25.27	24.44
4300.0	0.70	10.27	10.25	25.61	20.33	20.90	21.72	26.04	25.30
4400.0	0.71	10.19	10.16	26.37	20.32	21.56	22.37	26.97	26.22
4500.0	0.73	10.11	10.10	26.82	20.40	22.75	23.31	27.69	26.90
4600.0	0.73	10.02	10.01	27.59	20.89	23.87	24.72	28.28	27.19
4700.0	0.74	9.93	9.92	28.73	21.25	26.08	26.73	28.77	28.09
4800.0	0.75	9.87	9.86	28.83	22.13	28.71	29.28	29.81	28.55
4900.0	0.74	9.82	9.81	28.72	22.49	32.55	32.33	30.35	28.83
5000.0	0.76	9.79	9.78	28.16	22.91	39.70	35.98	30.96	29.36
5100.0	0.76	9.77	9.76	28.05	23.36	48.78	36.03	31.64	29.94
5200.0	0.75	9.76	9.75	27.21	23.60	38.82	33.24	31.86	29.86
5300.0	0.77	9.76	9.76	26.56	23.60	33.84	30.13	32.70	30.93
5400.0	0.77	9.75	9.75	26.12	23.64	31.18	28.19	33.98	30.97
5500.0	0.78	9.75	9.75	25.44	23.58	29.34	26.54	36.13	32.46
5600.0	0.79	9.75	9.74	24.96	23.00	29.02	25.50	36.00	30.95
5700.0	0.79	9.75	9.74	24.44	23.48	29.21	24.96	37.79	31.20
5800.0	0.80	9.77	9.73	24.56	23.39	30.17	25.32	42.30	31.24
5900.0	0.81	9.78	9.73	24.16	22.23	30.03	25.16	44.19	29.88
6000.0	0.82	9.81	9.73	23.67	21.48	30.49	25.49	43.26	29.20
6100.0	0.84	9.83	9.73	23.46	20.22	29.95	25.86	38.20	28.60
6200.0	0.86	9.85	9.73	22.38	19.35	29.65	26.30	34.38	27.91
6300.0	0.88	9.88	9.74	21.51	17.99	28.26	26.15	30.83	26.48
6400.0	0.91	9.93	9.76	20.01	16.83	27.26	25.95	27.46	24.80
6500.0	0.94	10.01	9.81	18.63	15.52	25.58	24.92	24.42	22.97
6600.0	0.97	10.11	9.89	17.09	14.42	23.73	23.00	21.58	20.63
6800.0	1.09	10.40	10.25	14.45	12.72	19.01	18.81	16.83	16.63
7000.0	1.28	10.81	11.03	12.29	11.23	14.97	14.58	13.39	13.43