

Bi-Directional Coupler

ZFBDC-ED16347/2

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS		COUPLING		DIRECTIVITY		RETURN LOSS			
	(dB)		(dB)		(dB)		(dB)			
	IN-OUT	FWD-REV	IN-FWD	OUT-REV	IN-REV	OUT-FWD	IN	OUT	FWD	REV
0.10	0.20	0.22	15.03	15.25	19.62	18.91	19.65	19.07	18.84	18.36
0.15	0.17	0.18	15.08	15.18	23.05	22.23	22.92	22.37	22.14	21.66
0.20	0.16	0.17	15.10	15.16	25.50	24.57	25.15	24.62	24.38	23.94
0.25	0.15	0.16	15.11	15.14	27.11	26.48	26.75	26.29	26.05	25.60
0.3	0.15	0.16	15.12	15.13	28.70	27.79	27.98	27.58	27.34	26.89
0.4	0.15	0.15	15.11	15.13	30.95	30.09	29.69	29.31	29.14	28.73
0.5	0.15	0.15	15.12	15.13	32.50	32.04	30.82	30.51	30.32	29.92
0.6	0.15	0.15	15.13	15.12	33.62	33.12	31.56	31.23	31.12	30.74
0.7	0.15	0.15	15.12	15.12	34.63	33.81	32.08	31.77	31.71	31.27
0.8	0.15	0.15	15.13	15.12	35.12	34.45	32.43	32.12	32.09	31.66
0.9	0.15	0.15	15.13	15.12	35.40	35.16	32.60	32.37	32.36	31.91
1.0	0.15	0.15	15.13	15.12	35.34	35.10	32.78	32.52	32.49	32.05
1.5	0.15	0.16	15.13	15.12	34.86	34.91	32.88	32.65	32.77	32.27
2.0	0.16	0.17	15.14	15.13	33.68	33.70	32.39	32.37	32.41	31.98
2.5	0.16	0.17	15.15	15.12	32.58	32.36	31.75	31.77	31.71	31.43
3.0	0.17	0.18	15.16	15.12	31.56	31.49	30.97	31.09	31.03	30.82
3.5	0.17	0.18	15.16	15.13	30.53	30.59	30.25	30.41	30.34	30.15
4.0	0.17	0.18	15.17	15.13	29.85	29.76	29.53	29.73	29.64	29.51
4.5	0.18	0.19	15.17	15.12	29.13	28.96	28.82	29.06	28.96	28.91
5.0	0.18	0.19	15.18	15.13	28.41	28.29	28.19	28.40	28.33	28.29
6.0	0.18	0.20	15.19	15.12	27.09	26.96	26.96	27.25	27.16	27.21
7.0	0.19	0.20	15.20	15.12	26.14	25.78	25.88	26.18	26.05	26.21
8.0	0.19	0.21	15.22	15.11	25.17	24.77	24.90	25.22	25.10	25.29
9.0	0.20	0.22	15.23	15.11	24.29	23.88	24.00	24.35	24.22	24.45
10.0	0.20	0.22	15.25	15.11	23.48	23.04	23.19	23.57	23.42	23.69
11.0	0.21	0.23	15.26	15.10	22.75	22.27	22.45	22.84	22.69	23.00
15.0	0.24	0.26	15.32	15.07	20.38	19.76	19.98	20.41	20.27	20.65
20.0	0.28	0.30	15.40	15.02	18.17	17.36	17.65	18.11	17.98	18.41
30.0	0.39	0.41	15.61	14.89	15.14	13.96	14.37	14.85	14.73	15.21
40.0	0.53	0.54	15.86	14.75	13.13	11.52	12.09	12.57	12.47	12.95
50.0	0.69	0.69	16.16	14.61	11.68	9.61	10.36	10.83	10.75	11.23