

Bi-Directional Coupler

ZFBDC-ED16353/1

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
0.5	0.27	0.27	13.08	13.20	21.65	21.98	21.65	20.98	21.89	21.21
0.6	0.26	0.26	13.09	13.18	23.12	23.48	23.01	22.40	23.24	22.61
0.7	0.25	0.25	13.10	13.17	24.36	24.60	24.14	23.58	24.35	23.75
0.8	0.25	0.25	13.10	13.16	25.42	25.62	25.06	24.55	25.23	24.69
0.9	0.25	0.25	13.11	13.16	26.33	26.37	25.82	25.40	25.98	25.51
1.0	0.25	0.25	13.11	13.16	27.00	27.12	26.46	26.09	26.61	26.19
1.5	0.25	0.25	13.12	13.15	29.40	29.45	28.53	28.62	28.56	28.55
2.0	0.26	0.26	13.12	13.17	30.23	30.24	29.29	30.05	29.31	29.90
2.5	0.26	0.27	13.12	13.18	30.35	30.49	29.58	30.84	29.50	30.56
3.0	0.27	0.27	13.12	13.19	30.39	30.46	29.65	31.24	29.52	30.88
3.5	0.27	0.28	13.13	13.19	30.33	30.42	29.66	31.42	29.50	30.95
4.0	0.28	0.28	13.14	13.19	30.26	30.40	29.66	31.45	29.42	30.93
4.5	0.28	0.28	13.13	13.20	30.01	30.34	29.59	31.44	29.29	30.83
5.0	0.28	0.28	13.14	13.20	29.96	30.20	29.58	31.36	29.17	30.66
6.0	0.28	0.28	13.15	13.20	29.65	30.03	29.38	31.10	28.91	30.29
7.0	0.28	0.28	13.15	13.20	29.35	29.85	29.19	30.77	28.57	29.84
8.0	0.28	0.28	13.15	13.20	28.97	29.47	28.97	30.41	28.21	29.36
9.0	0.28	0.29	13.16	13.19	28.58	29.19	28.70	30.06	27.83	28.90
10.0	0.28	0.29	13.16	13.20	28.16	28.97	28.42	29.69	27.45	28.44
11.0	0.28	0.29	13.17	13.19	27.72	28.64	28.14	29.32	27.05	28.00
15.0	0.28	0.29	13.19	13.19	26.08	27.32	26.90	27.91	25.51	26.31
20.0	0.29	0.30	13.21	13.18	24.22	25.70	25.40	26.32	23.76	24.51
30.0	0.30	0.32	13.26	13.16	21.27	22.94	22.78	23.68	20.89	21.64
40.0	0.33	0.36	13.32	13.13	19.05	20.77	20.68	21.59	18.70	19.46
50.0	0.35	0.40	13.39	13.10	17.33	18.98	18.97	19.90	16.94	17.72
60.0	0.39	0.44	13.46	13.07	15.93	17.49	17.54	18.48	15.49	16.28