

Bi-Directional Coupler

ZFBDC20-ED13225

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS	COUPLING		DIRECTIVITY		RETURN LOSS			
	(dB)	(dB)		(dB)		(dB)			
	IN-OUT	IN-FWD	OUT-REV	IN-REV	OUT-FWD	IN	OUT	FWD	REV
0.5	0.08	20.08	20.02	33.39	33.55	28.06	28.29	27.01	27.92
1.0	0.08	20.08	20.03	40.91	40.68	33.84	34.40	30.40	32.48
1.2	0.08	20.09	20.03	43.04	42.83	36.16	37.29	31.22	33.89
1.4	0.09	20.09	20.03	45.26	44.48	37.30	39.17	31.54	34.46
1.5	0.09	20.09	20.02	45.74	45.51	37.58	39.58	31.57	34.49
1.7	0.09	20.10	20.03	47.57	47.17	37.55	39.84	31.46	34.46
1.9	0.09	20.10	20.02	48.86	49.04	37.46	39.77	31.54	34.35
2.0	0.09	20.10	20.03	50.24	50.38	37.37	39.79	31.53	34.31
3.0	0.10	20.11	20.03	55.14	53.73	38.59	41.68	31.76	34.85
4.0	0.10	20.11	20.03	51.62	51.67	39.06	42.62	32.02	35.19
5.0	0.10	20.11	20.03	48.68	47.05	39.54	43.04	32.12	35.46
10.0	0.10	20.12	20.05	40.02	39.21	39.93	42.19	32.38	35.79
15.0	0.10	20.12	20.05	35.87	35.01	39.54	40.85	32.54	35.88
20.0	0.10	20.13	20.06	32.98	32.28	38.88	39.77	32.57	35.75
25.0	0.10	20.13	20.07	30.86	30.27	38.35	38.54	32.51	35.45
30.0	0.11	20.14	20.08	29.14	28.66	37.76	37.50	32.42	35.08
35.0	0.11	20.14	20.08	27.72	27.33	37.34	36.56	32.15	34.64
40.0	0.11	20.14	20.09	26.48	26.16	36.85	35.71	32.07	34.15
45.0	0.12	20.14	20.10	25.38	25.16	36.49	34.87	31.76	33.67
50.0	0.12	20.14	20.11	24.42	24.21	36.01	34.20	31.56	33.18
55.0	0.12	20.14	20.11	23.54	23.38	35.56	33.51	31.27	32.62
60.0	0.13	20.13	20.12	22.74	22.58	35.07	32.95	30.90	32.05
80.0	0.14	20.12	20.15	20.13	19.87	32.84	31.13	29.42	30.13
100.0	0.15	20.09	20.18	17.94	17.68	30.73	29.56	28.03	28.51
120.0	0.17	20.06	20.21	16.08	16.01	29.39	27.93	27.02	27.32
140.0	0.19	20.02	20.23	14.52	14.59	28.40	26.53	26.22	26.30
160.0	0.20	19.97	20.25	13.18	13.26	27.19	25.52	25.34	25.25
180.0	0.22	19.91	20.26	11.95	12.07	25.85	24.57	24.36	24.17
200.0	0.24	19.84	20.26	10.79	10.99	24.86	23.59	23.44	23.21