

Bi-Directional Coupler

ZFBDC20-ED13208

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
2.0	0.43	0.46	20.90	19.91	14.56	13.88	11.09	11.19	10.88	11.02
2.5	0.30	0.33	20.65	19.99	16.16	15.80	12.89	12.99	12.67	12.83
3.0	0.23	0.26	20.52	20.03	17.55	17.38	14.38	14.48	14.16	14.31
4.0	0.16	0.19	20.37	20.07	19.91	19.76	16.71	16.73	16.52	16.70
5.0	0.13	0.15	20.31	20.11	21.76	21.85	18.66	18.74	18.44	18.62
6.0	0.11	0.13	20.26	20.12	23.35	23.33	20.13	20.11	19.92	20.13
7.0	0.10	0.12	20.25	20.13	24.69	24.91	21.52	21.61	21.30	21.47
8.0	0.10	0.12	20.23	20.13	25.91	25.98	22.58	22.53	22.36	22.59
10.0	0.08	0.10	20.22	20.16	28.02	28.32	24.73	24.90	24.55	24.68
30.0	0.13	0.15	20.25	20.16	44.92	46.01	35.00	36.22	34.88	35.25
100.0	0.17	0.19	20.34	20.24	39.56	38.07	40.49	41.50	39.26	38.86
150.0	0.18	0.19	20.33	20.27	33.15	33.59	42.61	44.11	40.31	39.41
200.0	0.19	0.20	20.30	20.29	31.59	30.76	51.68	47.45	42.77	39.00
250.0	0.20	0.21	20.26	20.29	29.31	28.54	57.26	51.33	42.90	38.78
300.0	0.22	0.23	20.20	20.30	27.67	27.39	50.07	48.46	42.80	39.03
350.0	0.23	0.24	20.12	20.28	26.45	26.23	45.60	48.39	42.16	38.85
400.0	0.25	0.25	20.03	20.26	25.48	25.18	43.61	47.73	41.30	38.25
425.0	0.26	0.26	19.98	20.24	25.07	24.71	42.55	47.00	40.64	37.78
450.0	0.27	0.27	19.93	20.22	24.69	24.33	41.20	45.96	39.53	37.21
475.0	0.28	0.28	19.86	20.19	24.41	23.99	39.92	44.43	38.28	36.33
500.0	0.30	0.29	19.80	20.15	24.17	23.67	38.61	43.31	37.27	35.43
550.0	0.32	0.31	19.66	20.07	23.71	23.13	35.69	40.97	35.19	34.11
600.0	0.35	0.34	19.49	19.95	23.44	22.75	33.51	37.54	33.31	32.45
650.0	0.39	0.37	19.30	19.79	23.31	22.32	31.40	35.29	31.41	31.04
700.0	0.44	0.41	19.08	19.58	23.44	21.83	29.19	33.07	29.49	29.40
750.0	0.49	0.46	18.84	19.32	23.86	21.41	27.17	30.72	27.72	27.78
800.0	0.56	0.53	18.56	18.99	24.50	20.41	25.31	28.48	25.79	25.99