

Bi-Directional Coupler

ZFBDC-ED16354/1

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
0.10	0.08	0.08	19.99	20.11	22.40	22.14	22.49	22.24	22.05	21.88
0.15	0.06	0.07	20.02	20.08	26.11	25.59	25.90	25.67	25.49	25.28
0.20	0.06	0.06	20.03	20.06	28.57	28.10	28.28	28.05	27.86	27.69
0.25	0.05	0.06	20.03	20.06	30.60	29.88	30.08	29.88	29.67	29.49
0.30	0.05	0.06	20.04	20.05	31.90	31.69	31.53	31.39	31.14	30.91
0.40	0.05	0.05	20.04	20.05	35.31	34.07	33.69	33.55	33.34	33.10
0.50	0.05	0.05	20.04	20.05	36.92	36.21	35.23	35.16	34.85	34.68
0.60	0.05	0.05	20.04	20.04	38.37	37.33	36.49	36.29	36.00	35.82
0.70	0.05	0.05	20.04	20.05	40.64	39.68	37.37	37.22	36.95	36.66
0.80	0.05	0.05	20.05	20.05	41.15	40.75	38.10	37.93	37.59	37.30
0.90	0.05	0.05	20.05	20.05	41.95	41.43	38.60	38.57	38.17	37.84
1.00	0.05	0.05	20.04	20.04	42.95	42.33	39.00	38.98	38.58	38.20
1.50	0.05	0.06	20.05	20.04	43.44	45.74	40.11	40.04	39.50	39.10
2.00	0.06	0.06	20.05	20.04	42.51	42.99	40.14	40.36	39.53	39.22
2.50	0.06	0.06	20.05	20.05	41.59	43.21	39.83	39.97	38.99	38.78
3.00	0.06	0.07	20.05	20.05	39.32	41.41	39.28	39.47	38.38	38.20
3.50	0.06	0.07	20.06	20.05	38.81	40.27	38.72	38.92	37.71	37.50
4.00	0.06	0.07	20.06	20.06	37.54	39.26	38.13	38.27	37.05	36.81
4.50	0.06	0.07	20.05	20.05	36.32	38.63	37.45	37.73	36.37	36.22
5.00	0.07	0.07	20.06	20.06	36.21	37.84	36.90	37.07	35.78	35.58
6.00	0.07	0.07	20.06	20.06	34.56	36.50	35.79	35.92	34.62	34.48
7.00	0.07	0.08	20.07	20.05	33.86	34.98	34.78	34.91	33.52	33.47
8.00	0.07	0.08	20.09	20.05	32.63	33.77	33.86	33.97	32.59	32.50
9.00	0.07	0.08	20.09	20.05	31.81	32.92	33.01	33.13	31.71	31.69
10.00	0.07	0.08	20.09	20.06	30.88	32.21	32.23	32.37	30.92	30.91
11.00	0.07	0.08	20.10	20.05	30.14	31.40	31.51	31.64	30.18	30.19
15.00	0.08	0.09	20.11	20.05	27.65	28.93	29.07	29.24	27.76	27.82
20.00	0.09	0.11	20.13	20.04	25.33	26.51	26.76	26.95	25.46	25.55
30.00	0.11	0.13	20.17	20.01	22.03	23.13	23.42	23.60	22.15	22.27
40.00	0.13	0.17	20.22	19.97	19.70	20.66	21.01	21.18	19.78	19.93
50.00	0.16	0.21	20.26	19.91	17.88	18.74	19.12	19.29	17.93	18.08



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