

Bi-Directional Coupler

ZFBDC20-ED13224

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
14.0	0.45	0.66	19.10	20.54	11.33	11.53	10.99	10.82	9.19	9.05
18.0	0.30	0.44	19.23	20.16	13.38	13.15	13.07	12.89	11.18	11.04
22.0	0.23	0.32	19.32	19.95	14.99	14.54	14.81	14.61	12.87	12.72
26.0	0.18	0.25	19.37	19.83	16.28	15.76	16.31	16.10	14.33	14.17
30.0	0.15	0.20	19.41	19.75	17.34	16.82	17.63	17.42	15.63	15.47
34.0	0.13	0.17	19.43	19.69	18.24	17.76	18.84	18.62	16.81	16.65
40.0	0.11	0.14	19.45	19.63	19.34	18.97	20.48	20.24	18.42	18.26
50.0	0.10	0.11	19.46	19.56	20.71	20.62	22.95	22.68	20.85	20.68
90.0	0.11	0.12	19.38	19.43	23.15	25.01	33.24	32.82	30.73	30.69
100.0	0.13	0.14	19.37	19.43	23.24	25.87	36.29	36.23	33.44	33.87
200.0	0.22	0.25	19.44	19.61	23.15	30.40	32.98	32.87	31.98	31.96
300.0	0.27	0.30	19.57	19.77	23.36	33.08	26.91	26.08	25.78	25.27
400.0	0.32	0.34	19.71	19.96	23.79	37.14	23.58	22.88	22.34	21.82
500.0	0.37	0.38	19.86	20.14	24.59	46.58	21.33	20.59	20.10	19.44
540.0	0.41	0.40	19.93	20.23	25.06	43.21	20.60	19.98	19.34	18.73
560.0	0.42	0.40	19.97	20.27	25.36	41.11	20.27	19.64	18.99	18.36
600.0	0.42	0.41	20.00	20.32	25.89	38.80	19.73	18.94	18.52	17.77
640.0	0.47	0.46	20.08	20.43	26.65	35.10	19.21	18.46	17.92	17.20
680.0	0.48	0.43	20.14	20.48	27.60	31.37	18.73	18.04	17.50	16.76
720.0	0.49	0.48	20.20	20.55	28.51	30.38	18.38	17.53	17.19	16.33
760.0	0.55	0.50	20.30	20.67	30.04	27.89	18.03	17.19	16.86	15.91
800.0	0.53	0.49	20.34	20.68	31.65	26.00	17.74	16.92	16.61	15.68
840.0	0.58	0.54	20.45	20.80	33.69	24.89	17.53	16.57	16.46	15.31
880.0	0.60	0.60	20.52	20.89	36.17	23.14	17.31	16.35	16.21	15.10
920.0	0.61	0.56	20.61	20.89	36.88	21.83	17.18	16.15	16.16	14.86
960.0	0.66	0.68	20.72	21.04	35.13	20.72	17.09	15.98	16.13	14.66
1000.0	0.69	0.68	20.83	21.08	32.27	19.32	17.01	15.83	16.08	14.52
1100.0	0.79	0.85	21.15	21.29	26.14	16.47	17.04	15.70	16.28	14.20
1200.0	0.91	1.01	21.55	21.50	21.94	14.00	17.24	15.60	16.61	13.94
1300.0	1.02	1.17	22.04	21.63	18.80	11.64	17.56	15.64	17.13	13.70
1400.0	1.18	1.50	22.93	21.46	14.59	9.74	17.89	15.73	18.12	13.70



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IF/RF MICROWAVE COMPONENTS



REV. X1

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