

# Directional Coupler

# ZFDC-20-5+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN (dB)	OUT (dB)	CPL
0.1	0.71	19.79	25.09	11.79	11.84	12.78
0.2	0.52	19.60	29.98	17.07	17.36	17.74
0.3	0.50	19.59	31.99	19.63	20.21	19.93
0.4	0.49	19.58	33.07	21.00	21.85	21.04
0.5	0.49	19.57	33.79	21.84	22.89	21.74
0.6	0.47	19.56	34.18	22.44	23.63	22.26
0.7	0.46	19.55	34.44	22.92	24.24	22.69
0.8	0.45	19.54	34.68	23.32	24.76	23.06
0.9	0.44	19.52	34.79	23.69	25.23	23.40
1.0	0.42	19.51	34.68	24.03	25.65	23.70
10.0	0.28	19.36	33.58	28.93	33.11	27.27
99.0	0.31	19.40	33.05	28.24	30.81	26.90
188.0	0.36	19.46	32.56	26.83	27.83	26.54
277.0	0.43	19.54	31.92	25.35	25.74	25.92
366.0	0.51	19.64	31.39	24.08	24.05	25.16
455.0	0.60	19.75	30.66	22.95	22.82	24.21
544.0	0.69	19.85	30.03	22.02	22.00	23.17
633.0	0.79	19.96	29.29	21.28	21.45	22.09
722.0	0.87	20.05	28.83	20.67	21.11	21.00
811.0	0.97	20.14	28.34	20.13	20.85	19.94
900.0	1.06	20.20	28.11	19.68	20.62	18.96
920.0	1.07	20.18	28.13	19.60	20.58	18.75
940.0	1.10	20.18	28.05	19.52	20.54	18.54
960.0	1.11	20.19	28.30	19.44	20.47	18.33
980.0	1.13	20.21	28.34	19.36	20.41	18.13
1000.0	1.15	20.21	28.36	19.29	20.35	17.93
1020.0	1.17	20.18	28.46	19.23	20.30	17.73
1040.0	1.19	20.16	28.51	19.18	20.29	17.54
1060.0	1.20	20.17	28.70	19.11	20.23	17.36
1080.0	1.22	20.17	28.89	19.07	20.17	17.18
1100.0	1.24	20.15	29.00	19.02	20.13	16.98
1136.0	1.28	20.13	29.48	18.96	20.07	16.64
1172.0	1.30	20.09	29.99	18.91	20.01	16.32
1208.0	1.33	20.07	30.74	18.87	19.94	15.98
1244.0	1.37	20.01	31.52	18.85	19.86	15.62
1280.0	1.38	19.94	32.70	18.84	19.82	15.30
1310.0	1.41	19.96	34.06	18.82	19.75	15.02
1340.0	1.45	19.88	35.19	18.83	19.70	14.76
1370.0	1.46	19.81	36.73	18.86	19.71	14.50
1685.0	1.69	19.39	27.77	19.09	19.11	11.99
2000.0	1.91	19.34	18.40	18.91	17.73	10.05

REV. X1  
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060718  
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