

# Directional Coupler

# ZFDC-10-21

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
1.0	1.40	11.11	57.10	19.66	15.47	14.40
2.0	1.22	10.88	56.93	23.46	17.18	16.07
3.0	1.15	10.78	57.47	26.00	17.98	16.99
4.0	1.11	10.72	57.29	27.87	18.39	17.54
5.0	1.10	10.69	57.53	29.35	18.65	17.89
6.0	1.09	10.67	57.59	30.52	18.83	18.13
7.0	1.08	10.66	57.80	31.55	18.95	18.30
8.0	1.07	10.64	58.14	32.45	19.04	18.44
9.0	1.06	10.64	58.41	33.22	19.11	18.54
10.0	1.06	10.64	58.30	33.92	19.16	18.63
49.0	1.08	10.63	58.51	38.52	19.26	18.94
88.0	1.08	10.62	56.22	37.01	19.15	18.77
127.0	1.09	10.63	53.14	35.93	19.06	18.61
166.0	1.12	10.64	49.21	34.94	18.95	18.42
205.0	1.12	10.65	46.00	34.21	18.88	18.24
244.0	1.15	10.71	43.51	33.53	18.73	18.00
283.0	1.13	10.67	41.08	33.11	18.61	17.79
322.0	1.20	10.76	39.01	32.64	18.40	17.51
361.0	1.14	10.66	37.25	32.62	18.27	17.34
400.0	1.25	10.77	35.63	32.60	18.15	17.16
420.0	1.20	10.70	34.74	32.48	18.04	17.05
440.0	1.15	10.67	34.18	32.39	17.97	16.96
460.0	1.29	10.82	33.47	32.35	17.88	16.89
480.0	1.25	10.72	32.75	32.23	17.80	16.78
500.0	1.20	10.69	32.19	32.18	17.73	16.72
520.0	1.28	10.78	31.58	32.23	17.71	16.71
540.0	1.32	10.77	31.02	32.13	17.66	16.67
560.0	1.27	10.72	30.54	31.74	17.58	16.58
580.0	1.28	10.77	30.00	31.37	17.50	16.52
600.0	1.36	10.80	29.51	31.11	17.48	16.52
639.0	1.35	10.77	28.65	30.31	17.43	16.49
678.0	1.38	10.77	27.90	29.33	17.37	16.50
717.0	1.44	10.81	27.02	28.30	17.35	16.52
756.0	1.41	10.77	26.59	27.00	17.31	16.58
795.0	1.45	10.78	25.77	25.98	17.38	16.70
834.0	1.58	10.88	25.30	24.74	17.35	16.78
873.0	1.48	10.76	24.75	23.76	17.46	17.00
912.0	1.75	10.96	24.21	22.68	17.48	17.13
951.0	1.54	10.79	23.84	21.83	17.63	17.43
990.0	1.76	10.92	23.41	20.91	17.66	17.57
1000.0	1.70	10.84	23.41	20.67	17.70	17.66