

Directional Coupler

ZGDC6-ED13551/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
380.0	0.80	8.02	33.46	42.22	38.93	39.54
400.0	0.85	7.77	33.18	40.97	38.83	39.68
500.0	1.07	6.86	30.82	38.76	40.01	41.02
600.0	1.21	6.39	29.89	37.57	42.64	41.67
700.0	1.27	6.21	29.64	38.11	42.48	46.96
800.0	1.28	6.21	29.26	37.22	40.91	46.43
900.0	1.26	6.31	29.87	39.61	38.05	39.78
1000.0	1.24	6.41	31.52	43.45	35.43	37.87
1200.0	1.27	6.36	27.75	33.59	33.74	33.86
1300.0	1.32	6.23	25.74	31.66	32.66	34.79
1400.0	1.37	6.10	24.14	30.00	30.21	36.25
1500.0	1.41	6.03	22.77	28.67	29.22	33.19
1600.0	1.42	6.04	22.66	27.44	30.51	28.82
1700.0	1.41	6.12	23.29	25.41	39.10	25.44
1800.0	1.39	6.24	23.29	22.82	34.01	23.11
1900.0	1.37	6.34	22.68	21.54	26.11	22.12
2000.0	1.36	6.39	21.82	21.71	24.26	22.22
2100.0	1.38	6.36	20.36	22.13	24.53	22.72
2200.0	1.40	6.28	19.14	23.12	26.92	23.30
2300.0	1.43	6.22	18.85	23.85	32.40	22.92
2400.0	1.46	6.21	18.97	22.86	38.20	21.65
2500.0	1.45	6.25	19.40	21.90	27.76	20.88
2600.0	1.43	6.34	20.31	21.11	23.67	20.62
2700.0	1.40	6.44	20.67	21.28	23.13	21.81
2800.0	1.39	6.53	19.79	22.10	25.23	24.18
2900.0	1.39	6.57	18.56	23.79	31.24	26.21
3000.0	1.39	6.55	17.87	25.49	34.67	27.03
3100.0	1.41	6.49	17.77	25.84	32.54	25.68
3200.0	1.41	6.43	18.50	25.04	33.50	23.43
3300.0	1.44	6.40	19.85	24.27	35.25	22.88
3400.0	1.46	6.41	21.32	23.63	34.22	22.20
3500.0	1.47	6.46	21.20	22.22	34.01	22.59
3600.0	1.46	6.53	18.78	21.14	32.64	25.18
3700.0	1.44	6.61	16.58	20.02	28.91	26.87
3800.0	1.45	6.67	15.15	19.07	26.32	27.09
3900.0	1.45	6.70	14.42	19.04	24.83	24.85
4000.0	1.46	6.62	14.72	20.73	24.78	21.57
4100.0	1.48	6.53	15.58	23.42	27.19	20.54
4200.0	1.51	6.52	17.05	22.42	24.59	21.95
4300.0	1.56	6.40	17.02	19.25	21.44	23.77
4400.0	1.55	6.46	18.18	18.05	19.11	32.27
4500.0	1.51	6.55	18.09	18.24	19.13	33.62
4600.0	1.44	6.62	17.57	23.50	22.94	24.46
4700.0	1.52	6.78	16.62	32.86	21.79	21.79
4800.0	1.50	6.65	16.92	22.93	17.39	21.18
4900.0	1.54	6.60	18.26	17.49	15.18	21.97
5000.0	1.53	6.58	20.11	17.60	16.26	24.63



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