

# Directional Coupler

# ZGDC10-362HP+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (1) (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT (dB)	CPL
300.0	0.04	13.75	31.30	30.03	30.03	31.30
350.0	0.04	12.74	31.32	30.91	31.12	31.73
360.0	0.04	12.57	31.23	31.29	31.47	31.90
370.0	0.04	12.41	31.23	31.73	31.86	32.10
380.0	0.04	12.25	31.30	32.30	32.40	32.36
400.0	0.04	11.95	31.33	33.80	33.76	32.90
450.0	0.04	11.33	31.66	38.00	37.42	34.61
500.0	0.05	10.86	31.44	48.55	45.48	37.27
550.0	0.05	10.51	31.75	44.16	44.15	41.80
600.0	0.05	10.25	31.88	37.45	37.89	50.68
650.0	0.06	10.09	31.97	33.81	34.07	46.30
700.0	0.06	9.99	32.20	32.16	32.32	39.65
800.0	0.07	9.94	32.55	31.37	30.89	33.76
850.0	0.07	9.97	32.66	31.27	30.81	32.33
900.0	0.07	10.01	32.92	32.85	31.78	31.37
950.0	0.07	10.06	33.34	34.68	33.01	31.09
1000.0	0.07	10.12	33.64	37.97	35.76	31.06
1200.0	0.08	10.12	37.33	40.14	38.25	36.63
1300.0	0.09	10.00	39.84	36.58	33.81	48.46
1400.0	0.10	9.87	38.75	35.69	32.42	39.75
1500.0	0.10	9.78	35.11	36.18	32.87	33.25
1600.0	0.11	9.76	32.69	34.74	32.83	30.10
1700.0	0.11	9.81	30.54	33.40	31.52	28.08
1800.0	0.12	9.92	28.82	30.70	29.04	26.51
1900.0	0.13	10.01	27.52	28.54	27.28	25.50
2000.0	0.13	10.06	26.68	28.31	26.45	25.28
2100.0	0.13	10.03	26.57	29.25	27.58	26.28
2200.0	0.13	9.96	27.21	30.37	30.85	29.55
2300.0	0.15	9.87	28.29	31.36	32.01	38.20
2400.0	0.15	9.80	28.30	27.21	28.17	31.74
2500.0	0.16	9.80	27.74	24.67	25.31	24.93
2600.0	0.16	9.87	26.33	23.88	23.72	21.64
2700.0	0.18	9.96	24.53	24.01	23.16	20.34
2800.0	0.18	10.04	22.89	25.05	23.40	20.59
2900.0	0.17	10.09	21.70	28.41	25.02	22.34
3000.0	0.17	10.09	21.04	31.35	28.05	26.13
3100.0	0.18	10.06	21.21	32.11	29.82	31.73
3200.0	0.19	10.01	22.02	31.96	28.73	28.62
3300.0	0.19	9.97	23.53	29.66	27.82	24.76
3400.0	0.18	9.96	25.51	27.71	27.83	22.68
3500.0	0.19	9.99	26.99	27.94	27.14	21.15
3600.0	0.23	10.06	27.85	25.72	24.69	19.64
3700.0	0.25	10.20	24.64	22.24	21.13	18.43
3800.0	0.26	10.23	22.01	20.00	18.14	18.21
3900.0	0.30	10.19	21.30	18.72	18.14	20.84
4000.0	0.32	10.27	20.23	17.53	18.06	25.38

(1) Does not include coupling loss

