

# Directional Coupler

# ZGDC30-372HP+

## Typical Performance Data

FREQ. (MHz)	INSERTION LOSS <sup>(1)</sup> (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
100	0.01	43.89	35.04	59.02	53.69	38.23
200	0.02	38.16	32.60	72.09	48.59	35.12
300	0.02	35.04	29.53	52.36	44.37	30.39
380	0.03	33.43	29.85	43.23	40.53	27.20
400	0.03	33.10	28.92	40.59	39.13	26.59
500	0.03	31.87	28.63	35.28	34.70	24.45
600	0.04	31.13	27.31	31.87	31.24	23.51
700	0.05	30.74	26.84	29.43	29.27	23.42
800	0.05	30.56	26.45	29.19	29.20	24.29
900	0.05	30.52	26.26	30.65	30.98	26.04
1000	0.05	30.55	26.37	35.77	37.06	28.88
1100	0.06	30.55	26.88	44.61	41.83	33.45
1200	0.06	30.52	26.69	33.22	32.30	38.38
1300	0.07	30.46	26.38	29.25	28.83	32.59
1400	0.08	30.37	26.09	28.87	28.69	27.19
1500	0.08	30.31	25.87	30.85	30.86	23.85
1600	0.08	30.33	26.03	35.50	35.12	21.86
1700	0.09	30.37	26.86	36.88	35.57	21.02
1800	0.09	30.43	27.99	35.54	34.76	21.25
1900	0.09	30.47	30.39	39.13	39.56	22.63
2000	0.10	30.47	34.33	42.79	42.99	25.49
2100	0.10	30.40	41.41	31.80	30.90	29.83
2200	0.11	30.33	38.10	27.66	26.96	30.09
2300	0.12	30.25	33.45	26.69	26.11	26.20
2400	0.12	30.24	31.07	28.71	28.28	23.71
2500	0.12	30.30	29.76	35.42	36.49	22.63
2600	0.12	30.40	28.86	34.82	36.37	22.61
2700	0.13	30.59	27.95	27.78	27.50	23.50
2800	0.14	30.77	27.41	24.99	24.50	25.17
2900	0.15	30.92	26.52	24.17	23.65	27.79
3000	0.15	30.98	26.41	24.51	24.20	31.51
3100	0.15	30.95	26.21	25.41	25.64	37.15
3200	0.15	30.91	26.12	26.60	27.71	44.91
3300	0.16	30.87	26.19	28.35	30.44	41.01
3400	0.16	30.90	26.70	32.30	35.97	37.04
3500	0.16	31.05	27.87	46.43	45.90	35.74
3600	0.17	31.28	28.90	29.88	29.18	36.77
3700	0.19	31.55	29.52	23.08	22.98	39.30
3800	0.22	31.90	27.02	19.40	19.52	35.07
3900	0.25	32.15	24.99	17.64	17.86	29.15
4000	0.26	31.99	17.09	17.64	17.91	24.15

<sup>(1)</sup> Does not include coupling loss

