

Directional Coupler

ZGDC10-372HP+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
100	0.01	22.44	37.40	41.00	40.77	40.95
200	0.02	16.75	37.13	36.97	36.99	37.79
300	0.03	13.76	36.20	35.91	36.05	36.51
380	0.03	12.25	35.58	37.35	38.80	35.27
400	0.03	11.96	35.63	39.31	40.56	35.26
500	0.03	10.87	35.69	55.91	56.25	36.66
600	0.04	10.25	34.80	40.15	37.58	40.53
700	0.05	9.97	34.43	32.73	31.96	45.37
800	0.06	9.91	34.44	30.44	29.82	43.25
900	0.06	9.98	34.48	30.21	29.60	38.41
1000	0.06	10.09	34.86	32.37	31.67	37.06
1100	0.07	10.15	35.77	38.23	37.44	38.84
1200	0.07	10.12	36.68	44.74	46.81	46.57
1300	0.07	10.02	36.72	36.99	36.44	38.60
1400	0.08	9.89	35.96	36.44	35.66	31.52
1500	0.08	9.79	34.66	38.22	39.22	27.57
1600	0.09	9.75	33.13	35.96	36.46	25.36
1700	0.09	9.78	31.74	32.39	31.57	24.34
1800	0.10	9.85	30.37	31.51	30.63	24.38
1900	0.10	9.93	29.02	33.37	32.56	25.45
2000	0.10	9.97	27.82	36.14	31.42	27.48
2100	0.11	9.94	26.80	31.56	26.95	29.97
2200	0.12	9.88	25.89	27.71	24.92	31.09
2300	0.13	9.82	25.39	26.56	25.17	30.19
2400	0.13	9.77	25.15	27.76	28.18	29.23
2500	0.13	9.76	25.27	31.56	36.07	28.75
2600	0.13	9.81	25.70	35.02	40.90	27.99
2700	0.14	9.91	26.29	30.20	29.86	26.56
2800	0.15	10.02	26.62	26.86	25.69	24.76
2900	0.15	10.09	26.00	25.18	23.58	23.34
3000	0.16	10.10	24.78	24.39	22.92	22.82
3100	0.17	10.06	23.49	24.09	23.31	23.31
3200	0.17	10.01	22.69	24.37	24.63	25.14
3300	0.17	9.97	22.56	25.14	26.92	28.55
3400	0.17	9.97	23.24	26.92	30.39	31.08
3500	0.17	10.00	24.98	30.93	34.78	27.29
3600	0.17	10.09	28.73	33.81	32.62	23.78
3700	0.18	10.20	36.25	26.76	25.28	22.12
3800	0.21	10.28	33.75	22.01	20.92	22.05
3900	0.25	10.25	27.26	19.37	19.02	22.97
4000	0.25	10.26	24.38	19.29	19.23	28.90

⁽¹⁾ Does not include coupling loss