

Directional Coupler

ZCDC13-K0244+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
1000	0.28	14.91	29.40	32.69	32.70	33.10
2000	0.44	12.51	32.95	47.15	36.26	45.16
3000	0.49	12.73	26.07	27.98	28.90	30.68
4000	0.54	12.38	35.28	35.93	36.80	37.50
5000	0.57	12.68	37.24	27.71	29.96	36.56
6000	0.61	12.77	33.31	28.30	26.54	31.91
8000	0.68	12.91	30.10	25.26	24.73	24.45
9000	0.72	12.58	21.16	29.24	31.83	30.99
10000	0.75	12.77	23.24	24.75	24.60	21.47
11000	0.79	12.80	20.37	23.47	24.91	33.62
12000	0.80	12.93	24.84	26.34	27.43	20.62
13000	0.85	13.03	17.26	22.94	23.63	27.50
14000	0.86	13.07	24.36	25.87	28.34	17.16
15000	0.88	13.38	16.28	25.78	26.71	21.18
16000	0.92	13.12	25.89	25.89	30.57	18.93
17000	0.94	13.22	17.51	28.70	32.14	19.00
18000	0.98	13.24	32.61	26.87	40.52	24.54
19000	1.00	13.34	23.44	35.41	35.61	21.31
20000	1.04	13.42	23.47	29.65	33.02	26.74
21000	1.09	13.10	27.89	31.54	27.54	20.91
22000	1.11	13.33	18.93	24.14	25.76	19.55
23000	1.14	13.21	35.19	25.69	26.13	26.40
24000	1.20	13.30	16.58	22.13	25.15	18.87
25000	1.23	13.18	22.99	20.60	23.04	33.82
26000	1.25	13.27	15.72	21.97	24.74	16.11
27000	1.29	13.48	22.46	20.11	21.75	29.18
28000	1.30	13.34	16.01	27.18	35.36	14.78
29000	1.36	13.10	27.28	23.68	22.98	20.05
30000	1.36	13.47	17.98	31.84	26.03	13.50
31000	1.46	12.99	31.58	30.35	28.48	20.99
32000	1.47	13.34	18.41	26.47	19.69	13.56
33000	1.58	12.79	17.69	20.83	18.99	20.17
34000	1.63	13.06	13.01	19.89	16.69	14.32
35000	1.70	13.06	11.30	18.37	17.00	14.27
36000	1.79	13.02	16.07	16.55	15.45	28.54
37000	1.67	12.80	14.55	21.30	21.48	19.32
38000	1.78	13.00	18.77	16.69	16.71	31.51
39000	1.71	13.29	18.17	27.72	22.13	24.36
40000	1.73	13.61	17.09	19.30	18.01	23.84

⁽¹⁾ Mainline loss includes coupling loss