

Directional Coupler

ZCDC10-K0644+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
3000	0.35	12.60	39.43	32.91	36.32	34.39
4000	0.49	11.32	33.84	26.07	26.94	39.65
5000	0.57	10.77	26.80	25.57	25.20	34.59
6000	0.59	10.63	23.12	33.45	28.50	28.25
8000	0.65	10.67	30.49	23.37	23.46	28.52
9000	0.65	10.58	25.33	35.44	41.54	20.71
10000	0.71	10.38	19.57	28.10	27.89	23.05
11000	0.72	10.31	19.10	30.24	36.71	30.47
12000	0.74	10.34	23.45	30.04	27.80	21.08
13000	0.78	10.38	24.63	24.78	23.82	22.76
14000	0.79	10.31	19.70	36.63	30.64	28.67
15000	0.81	10.37	20.26	24.27	25.16	22.75
16000	0.86	10.31	30.76	21.13	21.54	23.00
17000	0.86	10.24	22.18	27.88	33.13	22.39
18000	0.90	10.19	16.27	23.40	23.66	23.38
19000	0.93	10.35	15.14	19.33	21.28	38.09
20000	0.92	10.38	17.14	23.19	29.09	22.32
21000	0.93	10.37	21.75	25.20	24.15	19.83
22000	1.01	10.29	25.97	20.01	19.24	21.87
23000	0.99	10.18	33.34	24.50	24.17	23.05
24000	1.00	10.08	28.59	29.74	28.56	26.08
25000	1.05	10.05	20.94	22.83	21.46	22.70
26000	1.02	10.20	20.60	35.46	29.15	17.06
27000	1.05	10.32	32.49	23.38	24.19	16.46
28000	1.09	10.22	19.54	20.61	22.62	23.26
29000	1.09	10.15	13.88	23.06	31.53	22.80
30000	1.10	10.40	13.50	21.69	23.62	15.34
31000	1.09	10.58	18.37	21.38	21.40	15.56
32000	1.11	10.39	19.46	23.31	26.39	20.51
33000	1.13	10.45	14.34	24.21	27.52	18.22
34000	1.11	10.79	14.62	25.83	23.79	15.19
35000	1.13	10.63	19.48	30.18	22.49	15.73
36000	1.17	10.52	16.36	36.87	26.76	27.75
37000	1.16	10.65	19.93	23.49	22.77	22.27
38000	1.17	10.73	21.92	23.34	24.05	19.27
39000	1.21	10.54	13.49	29.04	28.55	28.13
40000	1.29	10.87	11.96	16.56	17.80	19.76

⁽¹⁾ Mainline loss includes coupling loss