

Directional Coupler

ZCDC10-E6653+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				(dB)		
				IN	OUT	CPL
6000	0.63	11.26	25.73	24.33	22.29	30.75
7000	0.66	11.19	26.25	23.19	23.63	31.33
8000	0.68	11.14	23.83	22.11	24.43	28.91
9000	0.71	11.01	20.01	21.48	23.37	22.11
10000	0.74	10.79	20.85	21.47	21.73	20.16
11000	0.77	10.62	32.57	21.42	21.07	24.43
12000	0.79	10.55	24.71	21.14	21.56	36.42
13000	0.81	10.46	21.48	22.33	22.79	23.89
14000	0.80	10.43	29.69	26.99	27.81	22.96
15000	0.85	10.36	24.64	22.71	22.04	30.66
16000	0.90	10.34	19.39	19.75	19.92	27.32
17000	0.89	10.24	22.15	22.68	22.91	24.05
18000	0.88	10.24	30.30	30.75	38.96	35.85
19000	0.89	10.29	21.59	31.87	30.91	20.83
20000	0.90	10.31	18.73	49.02	49.19	19.11
22000	0.95	10.26	17.52	28.53	30.06	18.60
24000	1.00	10.14	30.43	25.10	22.71	27.12
26000	1.06	10.23	28.10	19.34	19.06	34.95
28000	1.06	10.18	20.06	23.33	20.90	24.23
30000	1.04	10.38	21.03	35.27	32.64	18.34
32000	1.07	10.57	21.69	24.68	26.53	19.39
34000	1.17	10.80	22.64	16.53	17.18	20.08
36000	1.18	10.57	17.92	22.54	21.74	32.20
38000	1.17	10.66	17.43	21.89	22.14	17.92
40000	1.17	10.55	26.97	28.74	28.33	25.15
42000	1.24	10.38	25.25	30.08	32.12	21.51
44000	1.26	10.47	19.21	23.37	23.34	18.38
46000	1.30	10.31	15.46	22.61	25.29	25.28
48000	1.33	10.44	32.50	32.72	30.75	21.12
50000	1.36	10.45	26.68	28.08	30.53	28.62
52000	1.42	10.55	24.90	21.31	21.26	26.49
54000	1.40	10.68	16.45	27.66	27.80	16.69
56000	1.46	10.48	15.66	21.91	21.47	19.20
58000	1.48	10.81	16.62	30.68	30.06	14.05
60000	1.61	10.61	22.59	21.90	21.24	24.73
62000	1.63	10.69	24.30	19.30	18.18	27.48
64000	1.63	10.93	16.25	22.17	20.48	18.27
64500	1.68	10.78	15.92	20.00	18.39	16.92
65000	1.72	10.60	16.05	18.84	17.86	16.58

⁽¹⁾ Mainline loss includes coupling loss