

Directional Coupler

ZCDC13-E1653+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				(dB)		
				IN	OUT	CPL
1000	0.32	14.39	29.14	29.80	35.84	26.03
2000	0.38	14.54	34.84	30.30	29.54	26.55
3000	0.44	14.52	32.25	30.18	28.76	44.42
4000	0.50	14.26	36.61	26.09	26.45	30.88
5000	0.55	14.12	33.76	24.98	25.84	33.96
6000	0.59	14.18	29.95	25.79	26.14	30.95
7000	0.61	14.25	30.33	30.24	32.47	36.10
8000	0.65	13.90	23.44	40.70	51.34	33.64
9000	0.68	13.92	23.72	35.85	39.80	31.25
10000	0.70	14.28	32.39	30.62	31.88	28.91
11000	0.73	14.26	26.20	31.41	31.23	30.50
12000	0.77	14.05	21.90	35.72	36.84	38.26
14000	0.83	14.37	29.88	27.09	28.57	29.12
16000	0.91	14.23	45.03	23.91	23.57	32.72
18000	0.94	14.51	20.08	43.26	35.20	20.61
20000	1.00	14.31	24.69	32.02	34.51	17.67
22000	1.09	14.44	16.20	22.56	22.92	18.39
24000	1.21	14.57	21.26	17.03	17.55	17.34
26000	1.22	14.37	24.35	20.04	20.03	20.18
28000	1.21	14.69	27.73	35.45	33.36	21.51
30000	1.27	14.37	28.41	34.46	39.17	21.68
32000	1.35	14.33	19.89	43.36	34.68	28.99
34000	1.44	14.34	25.58	26.79	29.27	30.23
36000	1.49	14.50	20.79	32.67	37.91	31.90
38000	1.61	14.42	27.03	17.31	17.97	18.00
40000	1.69	14.17	19.05	16.49	16.74	18.24
42000	1.68	14.38	17.59	18.64	19.38	29.09
44000	1.75	14.03	21.75	20.68	21.50	25.21
46000	1.73	14.10	20.30	25.71	34.31	27.87
48000	1.82	14.29	21.15	19.49	21.31	28.83
50000	1.96	14.39	19.24	17.00	17.55	31.08
52000	1.98	14.49	17.78	18.94	20.11	31.76
54000	2.03	14.10	19.14	20.35	21.61	19.72
56000	2.06	14.69	16.28	29.68	35.14	16.32
58000	2.18	14.10	24.43	24.76	26.91	17.03
60000	2.36	13.66	17.95	21.32	22.44	19.39
62000	2.45	13.55	21.04	17.80	20.49	21.10
63000	2.57	13.70	17.89	15.31	18.54	17.69
64000	2.57	13.66	17.64	16.53	19.28	16.46
65000	2.64	13.00	16.96	16.82	19.74	17.16

⁽¹⁾ Mainline loss includes coupling loss