

Directional Coupler

ZCDC13-V154+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
1000	0.35	13.96	57.90	32.19	36.70	33.80
2000	0.41	13.98	36.04	37.85	34.57	42.52
3000	0.47	13.87	31.98	31.58	29.74	31.52
4000	0.52	13.63	25.29	35.46	33.58	29.89
5000	0.57	13.64	28.08	34.92	34.70	31.77
6000	0.61	13.55	29.94	31.53	31.94	29.56
7000	0.65	13.63	32.16	30.93	31.10	31.49
8000	0.70	13.48	33.95	25.34	25.59	29.24
9000	0.73	13.64	27.38	23.58	24.17	28.22
10000	0.77	13.91	27.33	21.32	21.35	26.43
11000	0.82	13.82	28.28	19.85	20.13	27.47
12000	0.85	13.39	21.21	21.56	22.03	38.57
13000	0.87	13.28	23.35	28.81	28.88	37.42
14000	0.90	13.20	32.42	40.46	37.35	29.20
15000	0.94	12.91	25.73	35.24	41.40	29.40
16000	0.96	13.31	48.72	27.29	28.49	25.73
17000	0.97	13.71	23.57	25.21	25.14	27.37
18000	1.02	13.32	16.02	23.68	25.28	25.68
19000	1.09	12.84	17.82	22.73	22.99	33.60
20000	1.05	13.62	33.14	31.99	31.60	30.75
21000	1.06	14.03	24.63	33.44	32.58	27.52
22000	1.10	13.84	18.77	40.25	38.83	28.46
23000	1.15	13.74	19.30	27.27	29.10	24.17
24000	1.24	13.29	23.96	20.35	20.25	23.34
25000	1.25	13.23	27.84	24.37	23.69	31.12
26000	1.32	13.30	23.22	21.62	20.74	26.53
27000	1.32	13.44	21.29	21.84	22.06	21.36
28000	1.35	13.86	18.77	19.25	19.52	21.53
29000	1.37	13.67	19.01	21.44	22.18	23.46
30000	1.39	13.58	27.00	22.77	21.42	25.24
32000	1.42	13.49	28.76	37.04	34.34	29.82
34000	1.50	13.65	16.50	23.47	26.05	27.78
36000	1.63	12.99	31.83	25.79	24.85	21.20
38000	1.65	13.91	14.81	20.86	19.86	22.32
40000	1.67	13.96	24.74	25.85	30.84	20.99
42000	1.76	13.90	16.12	21.64	24.29	21.47
44000	1.82	13.89	32.29	25.10	25.33	23.26
46000	1.89	13.95	14.80	28.08	25.47	25.38
48000	2.00	13.22	24.68	20.84	26.93	23.00
50000	1.97	13.71	14.90	29.22	25.53	28.49

⁽¹⁾ Mainline loss includes coupling loss