

Directional Coupler

ZCDC13-K1844+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
14000	0.60	13.47	28.51	22.42	22.54	32.92
14500	0.60	13.41	27.40	24.23	24.56	27.04
15000	0.60	13.36	28.38	29.16	28.52	26.52
15500	0.60	13.31	31.25	47.38	34.78	30.70
16000	0.61	13.28	32.31	34.63	36.51	37.83
16500	0.62	13.25	28.48	27.76	33.39	32.63
17000	0.64	13.22	24.65	25.82	33.00	26.74
17500	0.66	13.19	21.94	25.95	31.84	23.05
18000	0.67	13.14	19.96	27.59	29.37	22.12
18500	0.67	13.10	19.02	30.11	27.58	23.17
19000	0.68	13.09	18.92	30.76	26.67	24.36
19500	0.68	13.09	19.84	32.58	27.87	26.21
20000	0.69	13.13	22.02	35.61	33.23	25.29
20500	0.70	13.21	26.76	33.74	42.78	21.84
21000	0.70	13.31	43.12	27.77	27.64	20.49
21500	0.71	13.41	31.03	23.65	22.95	21.07
22000	0.73	13.55	25.62	21.83	21.47	22.31
22500	0.73	13.72	23.71	21.80	21.71	25.28
23000	0.73	13.85	24.94	23.31	23.80	28.06
23500	0.72	13.92	30.11	25.59	27.48	26.19
24000	0.72	13.98	30.32	26.47	26.87	24.13
24500	0.74	13.96	23.75	24.14	24.01	23.80
25000	0.76	13.87	20.49	22.78	21.49	27.00
25500	0.78	13.82	19.48	21.93	20.63	27.87
26000	0.77	13.84	20.10	22.16	21.19	22.47
26500	0.78	13.85	22.48	23.08	22.52	18.97
27000	0.80	13.69	23.19	23.61	23.29	17.18
27500	0.80	13.47	20.44	24.91	23.52	17.34
28000	0.81	13.34	17.16	26.60	24.54	19.30
28500	0.83	13.32	15.11	28.41	28.58	19.97
29000	0.83	13.40	14.77	29.51	37.58	18.25
29500	0.83	13.43	15.82	29.46	37.18	16.42
30000	0.85	13.45	18.10	27.76	29.31	15.97
30500	0.88	13.45	20.95	25.67	25.75	17.57
31000	0.91	13.47	20.61	24.54	24.08	20.92
31500	0.92	13.26	17.60	24.10	22.50	22.77
32000	0.92	13.19	16.07	24.48	23.37	19.28
32500	0.92	13.38	16.22	24.93	25.00	17.03
33000	0.89	13.61	19.08	26.00	31.97	16.84
33500	0.91	13.67	25.65	26.84	40.66	18.79
34000	0.92	13.59	24.75	27.31	31.08	21.90
34500	0.91	13.54	16.84	30.17	25.29	20.71
35000	0.93	13.65	13.68	27.75	22.77	17.64
35500	0.95	13.90	12.72	23.91	20.71	17.43
36000	0.98	14.02	13.40	22.13	19.35	18.53
36500	0.99	14.06	16.01	23.35	20.33	21.10
37000	0.95	13.98	21.98	28.21	24.43	21.06
37500	0.94	13.99	30.69	30.14	27.76	17.96
38000	0.98	13.89	19.93	21.20	20.09	16.29
38500	1.06	13.68	16.51	17.04	16.03	16.31
39000	1.13	13.72	15.30	15.43	14.88	17.96
39500	1.08	13.85	16.19	15.68	15.90	22.13
40000	0.99	13.84	19.26	18.25	18.61	21.05

⁽¹⁾ Mainline loss includes coupling loss

