

Directional Coupler

ZCDC30-K1844+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
14000	0.36	29.71	22.47	23.27	23.04	37.21
14500	0.35	29.77	21.66	26.86	26.11	26.10
15000	0.34	29.85	22.36	40.60	34.93	24.03
15500	0.35	29.91	24.62	30.51	30.68	26.21
16000	0.38	29.95	24.51	23.94	24.24	35.23
16500	0.40	29.93	21.37	21.62	21.61	30.40
17000	0.41	29.90	18.75	21.47	21.16	24.60
17500	0.40	29.82	17.34	24.07	23.13	23.63
18000	0.38	29.69	17.67	32.60	29.24	26.27
18500	0.39	29.65	19.27	31.41	33.49	36.99
19000	0.42	29.69	23.12	22.58	23.18	28.51
19500	0.46	29.70	31.21	19.38	19.39	22.49
20000	0.48	29.72	27.02	18.51	18.14	20.57
20500	0.47	29.76	21.48	19.54	18.78	20.84
21000	0.44	29.80	19.72	23.15	21.72	22.67
21500	0.42	29.82	19.61	33.72	29.51	24.70
22000	0.43	29.86	21.11	30.26	30.80	25.03
22500	0.46	29.91	24.13	23.04	22.72	24.79
23000	0.48	29.96	27.38	20.85	20.05	25.64
23500	0.49	29.93	27.47	20.90	19.83	27.94
24000	0.47	29.88	26.40	22.89	21.67	30.75
24500	0.46	29.83	24.65	27.10	25.98	31.05
25000	0.46	29.78	22.22	35.16	34.83	29.03
25500	0.47	29.76	19.35	33.79	32.11	26.64
26000	0.47	29.75	17.03	30.04	27.49	24.47
26500	0.48	29.73	15.71	30.53	27.24	22.55
27000	0.49	29.72	15.85	31.76	29.86	21.77
27500	0.49	29.75	16.83	28.17	30.75	21.46
28000	0.50	29.81	19.80	24.92	26.27	22.44
28500	0.53	29.91	26.02	22.94	22.71	24.56
29000	0.54	29.87	29.48	22.49	21.28	30.21
29500	0.55	29.82	23.84	22.79	21.10	37.80
30000	0.55	29.87	21.44	25.10	22.80	29.89
30500	0.54	29.84	22.62	30.90	26.93	27.30
31000	0.54	29.70	26.60	42.56	44.02	29.47
31500	0.56	29.71	29.46	28.02	27.42	38.13
32000	0.59	29.68	21.62	22.78	21.38	24.34
32500	0.62	29.59	18.93	20.18	18.77	19.09
33000	0.64	29.54	18.07	19.33	18.17	17.10
33500	0.62	29.57	19.80	20.18	19.44	17.58
34000	0.59	29.66	24.75	24.24	24.29	21.35
34500	0.59	29.66	38.71	39.48	41.87	39.25
35000	0.62	29.71	20.91	24.17	22.81	23.47
35500	0.68	29.79	16.41	19.04	18.26	18.52
36000	0.71	29.75	14.40	17.13	16.79	17.51
36500	0.70	29.43	13.51	17.61	17.57	19.09
37000	0.67	29.30	13.46	19.80	19.80	22.88
37500	0.66	29.29	13.77	22.33	21.62	28.48
38000	0.70	29.34	14.22	20.79	19.59	31.33
38500	0.74	29.46	13.84	18.39	17.39	31.03
39000	0.76	29.49	14.55	17.86	16.99	24.99
39500	0.76	29.54	16.22	18.26	17.61	19.87
40000	0.72	29.43	20.11	20.40	20.19	18.09

⁽¹⁾ Mainline loss includes coupling loss