

Directional Coupler

ZCDC16-K1844+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
14000	0.48	16.06	34.63	21.25	21.24	22.01
14500	0.46	16.09	40.21	26.40	26.32	21.75
15000	0.46	16.06	43.08	45.84	44.22	23.02
15500	0.48	16.04	33.68	24.82	24.64	27.37
16000	0.51	16.04	27.14	20.56	20.38	37.29
16500	0.53	16.10	22.60	19.72	19.57	24.95
17000	0.53	16.16	19.45	21.44	21.43	20.00
17500	0.51	16.18	17.23	26.90	26.97	18.20
18000	0.50	16.11	15.95	44.64	40.15	18.50
18500	0.52	16.14	15.35	26.16	26.28	20.61
19000	0.54	16.22	15.67	22.26	22.35	22.64
19500	0.56	16.24	17.11	21.59	21.49	20.76
20000	0.56	16.23	20.09	23.38	23.17	18.97
20500	0.55	16.22	25.59	28.50	28.44	19.34
21000	0.54	16.21	31.43	39.33	47.88	22.23
21500	0.56	16.14	25.94	28.59	27.65	27.38
22000	0.58	16.10	22.42	24.44	23.81	25.54
22500	0.60	16.16	21.54	23.42	23.12	22.53
23000	0.60	16.17	22.14	24.41	24.47	22.85
23500	0.59	16.08	24.57	27.78	27.93	27.89
24000	0.59	16.05	25.95	36.05	35.35	32.90
24500	0.60	16.09	23.70	40.25	37.57	22.38
25000	0.61	16.14	21.48	30.26	29.80	18.30
25500	0.62	16.18	20.44	27.22	27.12	16.97
26000	0.62	16.18	19.83	26.40	26.77	17.60
26500	0.63	16.16	18.65	27.27	27.91	20.33
27000	0.64	16.15	16.92	29.78	30.24	22.58
27500	0.63	16.15	15.64	36.28	34.86	18.86
28000	0.64	16.27	15.03	33.57	34.85	15.97
28500	0.65	16.34	15.43	27.22	28.18	15.12
29000	0.67	16.30	17.51	24.36	24.44	16.37
29500	0.69	16.24	22.68	23.62	23.15	20.04
30000	0.70	16.19	24.59	24.55	24.13	22.00
30500	0.69	16.16	17.97	28.86	29.08	18.05
31000	0.69	16.22	14.75	34.73	40.48	15.47
31500	0.71	16.16	12.77	26.64	27.60	15.10
32000	0.73	16.18	12.35	22.24	23.04	16.31
32500	0.75	16.26	13.25	20.86	21.48	18.65
33000	0.77	16.13	16.10	20.72	21.17	20.68
33500	0.75	16.20	22.26	22.26	22.68	21.61
34000	0.75	16.19	51.00	23.51	23.99	21.83
34500	0.77	16.18	23.15	22.40	22.86	22.07
35000	0.79	16.22	19.42	20.75	21.27	22.16
35500	0.80	16.27	19.37	20.39	20.86	23.63
36000	0.85	16.39	19.87	20.99	21.67	27.85
36500	0.81	16.15	21.21	22.62	23.44	26.93
37000	0.81	16.09	20.44	23.42	24.34	21.83
37500	0.82	16.05	19.71	22.50	23.21	19.12
38000	0.84	16.02	21.01	22.08	22.31	18.64
38500	0.85	15.99	26.93	22.53	22.86	20.20
39000	0.87	15.92	33.68	24.87	25.24	24.07
39500	0.86	15.84	19.46	27.46	29.85	28.30
40000	0.86	15.74	15.42	31.87	41.53	22.53

⁽¹⁾ Mainline loss includes coupling loss