

Directional Coupler

ZCDC30-V24443+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				(dB)		
				IN	OUT	CPL
24000	0.62	29.70	22.25	31.09	36.02	26.78
24500	0.66	29.70	21.77	22.69	22.42	27.23
25000	0.70	29.73	21.25	19.83	19.82	30.29
25500	0.69	29.70	20.42	21.19	21.29	27.58
26000	0.67	29.64	19.43	27.19	28.14	20.98
26500	0.68	29.63	18.76	25.65	24.54	19.08
27000	0.73	29.74	19.07	19.44	19.35	20.57
27500	0.77	29.75	20.60	18.05	18.38	27.51
28000	0.76	29.76	25.99	19.70	20.70	27.88
28500	0.73	29.77	27.50	25.46	28.20	23.02
29000	0.73	29.78	26.06	27.61	27.36	24.04
29500	0.76	29.78	24.20	22.28	21.45	33.88
30000	0.78	29.80	24.69	22.26	21.01	26.98
30500	0.78	29.80	25.64	26.54	23.93	22.37
31000	0.78	29.75	21.67	33.50	27.31	23.61
31500	0.79	29.65	20.61	31.08	27.35	28.62
32000	0.81	29.60	20.66	30.99	30.60	22.37
32500	0.83	29.65	20.85	23.61	27.52	19.16
33000	0.86	29.65	22.09	20.54	22.11	20.12
33500	0.88	29.65	26.44	20.32	20.99	22.57
34000	0.87	29.71	23.25	22.60	22.75	20.22
34500	0.88	29.75	22.01	24.48	24.06	19.00
35000	0.95	29.77	22.46	18.16	20.10	21.95
35500	1.04	29.85	20.81	14.99	16.49	25.25
36000	1.05	29.92	17.32	15.03	16.30	18.49
36500	0.98	29.65	14.28	18.81	19.83	16.10
37000	0.94	29.32	12.78	26.91	28.32	17.78
37500	1.01	29.34	12.20	18.46	19.30	27.32
38000	1.12	29.63	12.67	14.75	15.70	24.09
38500	1.12	29.74	14.64	14.88	15.98	17.24
39000	1.04	29.59	18.03	18.94	20.07	16.75
39500	0.99	29.40	21.38	26.65	28.23	20.07
40000	1.05	29.27	24.09	19.03	19.19	25.83
40500	1.13	29.17	25.17	15.50	16.07	23.24
41000	1.14	29.09	23.01	15.59	16.57	21.48
41500	1.07	29.07	19.80	19.46	20.93	20.08
42000	1.02	29.14	16.42	31.13	33.54	17.74
42500	1.03	29.12	14.74	26.87	23.58	16.82
43000	1.06	29.02	14.15	21.29	19.74	18.09
43500	1.06	28.86	14.41	22.50	20.23	22.99
44000	1.06	28.65	14.77	28.62	21.41	29.74

⁽¹⁾ Mainline loss includes coupling loss