

Directional Coupler

ZCDC16-V24443+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
24000	0.70	16.14	21.42	24.66	24.49	21.17
24500	0.69	16.10	23.40	45.41	43.30	21.95
25000	0.70	16.11	24.83	26.49	26.60	20.49
25500	0.74	16.14	23.34	21.35	21.35	19.70
26000	0.76	16.20	21.25	20.26	20.31	21.89
26500	0.75	16.19	20.81	21.73	21.87	29.77
27000	0.73	16.19	22.21	26.78	27.05	27.72
27500	0.73	16.20	24.66	55.36	48.61	21.93
28000	0.74	16.26	28.86	27.94	27.99	21.29
28500	0.76	16.25	32.62	23.60	23.45	24.45
29000	0.77	16.22	35.76	22.93	22.61	36.72
29500	0.77	16.24	32.44	24.47	24.05	29.07
30000	0.77	16.24	28.28	28.76	28.01	24.07
30500	0.77	16.22	26.16	39.57	35.76	23.72
31000	0.78	16.21	26.68	35.26	37.27	26.72
31500	0.80	16.22	30.89	27.90	29.67	31.17
32000	0.81	16.25	34.72	24.64	25.52	26.72
32500	0.82	16.29	27.07	22.69	23.27	24.03
33000	0.86	16.25	22.30	21.57	21.86	25.82
33500	0.85	16.31	21.75	21.70	21.68	35.94
34000	0.85	16.33	22.63	23.96	23.50	32.80
34500	0.84	16.38	25.08	30.77	29.87	27.60
35000	0.84	16.39	24.75	35.68	36.25	30.29
35500	0.86	16.45	21.49	23.72	23.77	35.42
36000	0.90	16.52	19.90	20.28	20.29	25.44
36500	0.92	16.49	19.87	19.45	19.48	23.64
37000	0.91	16.36	22.42	21.49	21.45	27.39
37500	0.89	16.36	28.22	28.94	28.40	25.40
38000	0.89	16.39	32.89	31.06	29.42	19.42
38500	0.93	16.34	26.12	21.85	21.29	17.64
39000	0.97	16.27	23.46	19.32	18.93	19.94
39500	0.98	16.29	21.74	19.57	19.40	27.67
40000	0.96	16.21	21.52	22.81	22.76	23.22
40500	0.94	16.16	21.33	29.92	30.75	18.87
41000	0.95	16.21	22.49	25.55	26.06	19.36
41500	0.99	16.20	25.80	20.92	20.85	24.18
42000	1.03	16.15	28.14	19.89	19.46	29.04
42500	1.03	16.15	24.21	21.18	20.64	23.94
43000	1.01	16.14	21.20	25.36	24.54	23.20
43500	1.01	16.09	20.62	36.67	34.27	26.36
44000	1.02	16.06	22.24	31.54	34.15	33.50

⁽¹⁾ Mainline loss includes coupling loss