

Directional Coupler

ZCDC10-V24443+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
24000	1.01	9.88	22.40	28.00	31.18	28.24
24500	1.01	9.86	24.00	30.65	34.02	28.62
25000	1.02	9.86	24.27	25.98	25.97	26.30
25500	1.03	9.88	23.44	24.23	24.39	24.29
26000	1.04	9.91	23.28	25.17	25.80	24.80
26500	1.04	9.89	24.77	28.10	26.90	29.59
27000	1.06	9.86	27.34	29.78	25.44	31.56
27500	1.06	9.90	25.68	27.68	25.73	24.52
28000	1.06	9.94	22.49	26.81	26.94	21.98
28500	1.07	9.95	20.87	27.34	28.49	22.59
29000	1.07	9.93	21.19	29.24	30.30	25.37
29500	1.08	9.95	24.28	32.08	33.87	29.48
30000	1.07	9.99	30.45	38.25	40.61	34.82
30500	1.07	10.05	39.45	46.13	39.52	48.76
31000	1.07	10.10	32.63	36.93	35.23	31.02
31500	1.08	10.16	33.64	35.09	36.98	28.38
32000	1.08	10.20	53.07	33.01	32.60	33.06
32500	1.09	10.24	26.77	26.91	26.43	29.66
33000	1.14	10.31	20.77	22.78	23.47	21.55
33500	1.13	10.39	17.98	21.85	21.85	18.65
34000	1.12	10.33	17.25	23.94	23.05	19.09
34500	1.12	10.26	18.28	29.24	28.04	23.79
35000	1.13	10.28	21.04	25.38	27.86	31.02
35500	1.17	10.32	24.14	20.24	21.48	21.82
36000	1.22	10.36	23.31	18.67	20.01	19.25
36500	1.21	10.31	20.88	19.57	21.72	19.97
37000	1.18	10.27	20.61	23.84	28.15	21.06
37500	1.18	10.29	22.05	24.74	25.86	19.99
38000	1.23	10.34	26.12	20.35	19.80	19.32
38500	1.26	10.30	35.85	18.82	18.13	22.04
39000	1.24	10.26	34.88	20.67	19.96	34.26
39500	1.21	10.25	29.56	27.98	27.18	27.22
40000	1.21	10.23	27.60	29.79	29.04	21.73
40500	1.26	10.21	24.97	20.78	20.72	21.29
41000	1.30	10.20	22.37	18.58	18.78	24.80
41500	1.31	10.15	21.03	19.21	19.67	30.72
42000	1.31	10.08	20.42	22.60	23.22	27.86
42500	1.28	10.04	21.01	30.03	31.40	24.75
43000	1.27	10.04	22.30	34.07	37.80	24.02
43500	1.28	10.05	23.63	26.66	26.87	23.86
44000	1.30	10.05	26.74	24.78	25.15	24.80

⁽¹⁾ Mainline loss includes coupling loss



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site



The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS

REV. OR
ZCDC10-V24443+
2/8/2021

Page 1 of 1