

Directional Coupler

ZCDC20-K0644+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
3000	0.19	22.36	31.31	36.84	40.41	34.36
4000	0.22	20.88	32.52	36.53	37.57	38.07
5000	0.25	20.18	47.94	51.84	40.96	34.12
6000	0.28	19.98	31.62	37.05	35.57	40.35
7000	0.29	20.07	26.67	39.64	39.70	31.17
8000	0.32	20.24	28.87	31.62	32.51	32.91
9000	0.33	20.34	41.43	35.66	36.74	25.55
10000	0.35	20.31	24.57	37.84	36.89	24.63
11000	0.37	20.23	22.10	36.33	35.69	32.23
12000	0.39	20.24	26.45	31.34	31.68	24.63
13000	0.42	20.32	33.18	24.13	24.19	27.69
14000	0.43	20.35	20.89	29.15	28.37	29.23
15000	0.45	20.43	17.90	28.80	29.23	22.05
16000	0.49	20.49	19.34	23.02	22.61	26.82
17000	0.49	20.46	25.98	32.95	31.86	26.99
18000	0.52	20.41	24.30	24.56	25.12	20.62
19000	0.55	20.40	19.33	23.38	23.38	23.04
20000	0.55	20.50	19.31	41.62	38.87	25.51
21000	0.59	20.69	25.97	23.11	22.71	21.57
22000	0.61	20.71	25.80	24.32	23.80	28.44
23000	0.61	20.60	18.19	35.93	42.89	28.20
24000	0.63	20.68	17.66	26.41	26.63	26.46
25000	0.65	20.64	20.22	32.16	31.58	34.98
26000	0.66	20.63	17.44	27.29	29.02	24.99
27000	0.69	20.54	15.82	26.94	28.91	23.56
28000	0.69	20.77	23.28	32.88	34.62	22.68
29000	0.72	20.70	20.93	28.62	29.24	25.85
30000	0.75	20.55	13.81	28.36	28.47	18.01
31000	0.76	20.55	14.37	31.94	30.94	18.66
32000	0.78	20.57	29.58	52.66	44.08	25.22
33000	0.80	20.64	15.56	32.31	31.36	17.74
34000	0.84	20.43	12.45	27.14	25.34	19.61
35000	0.86	20.61	16.35	25.17	24.65	21.11
36000	0.91	20.58	18.35	25.87	25.19	23.15
37000	0.90	20.34	12.37	28.78	28.89	21.18
38000	0.93	20.50	13.26	44.19	39.86	20.01
39000	1.00	20.78	19.32	28.35	28.98	23.77
40000	1.01	20.60	12.12	22.23	23.29	20.52

⁽¹⁾ Mainline loss includes coupling loss