

Wideband, DC Pass Directional Coupler

ZCDC10-263+

Typical Performance Data

FREQ.	MAINLINE LOSS	COUPLING	DIRECTIVITY	RETURN LOSS (IN)	RETURN LOSS (OUT)	RETURN LOSS (CPL)
(GHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.5	0.51	10.70	41.07	33.56	33.55	37.91
1.0	0.61	10.23	31.89	35.77	41.05	35.08
2.0	0.71	9.98	34.26	51.98	47.16	39.65
3.0	0.73	10.33	39.52	35.65	33.58	31.83
4.0	0.77	10.48	40.67	42.78	38.37	32.42
5.0	0.83	10.34	34.38	43.06	39.79	30.61
6.0	0.91	10.04	26.29	36.90	40.01	30.63
7.0	0.96	10.00	24.92	34.70	36.12	39.31
8.0	1.02	9.93	23.07	28.13	28.96	32.44
9.0	1.04	10.10	21.96	29.20	30.09	27.29
10.0	1.04	10.30	21.35	32.83	31.92	27.31
11.0	1.06	10.38	22.49	40.50	35.29	30.81
12.0	1.10	10.34	23.91	43.23	35.36	28.39
13.0	1.13	10.45	27.96	26.70	27.18	27.90
14.0	1.19	10.60	31.83	21.94	22.12	37.03
15.0	1.27	10.83	21.61	20.92	21.38	28.84
16.0	1.27	10.76	17.42	25.01	26.27	23.21
17.0	1.25	10.69	16.19	26.51	30.37	24.27
18.0	1.30	10.53	17.26	25.77	26.20	30.78
19.0	1.32	10.48	20.61	27.84	31.23	29.51
20.0	1.34	10.61	31.71	33.29	31.89	24.38
21.0	1.36	10.61	29.44	35.87	31.68	26.58
22.0	1.40	10.44	25.16	35.65	28.73	47.88
23.0	1.46	10.41	26.00	28.25	22.54	32.28
24.0	1.54	10.10	24.57	26.62	20.90	29.68
25.0	1.57	10.32	23.16	23.36	21.51	23.74
26.0	1.55	10.56	24.05	21.67	24.91	24.92
26.50	1.51	11.12	18.82	22.89	23.28	18.35