

Directional Coupler

ZMDC-30-1+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
0.1	0.33	30.77	40.14	14.97	14.57	22.19
0.2	0.26	30.65	41.27	20.93	19.46	22.10
0.3	0.26	30.67	40.26	24.33	21.85	22.08
0.4	0.25	30.68	39.76	26.55	23.33	22.09
0.5	0.25	30.66	40.18	28.11	24.39	22.07
0.6	0.25	30.67	41.97	29.25	25.20	22.08
0.7	0.25	30.67	39.55	30.13	25.84	22.08
0.8	0.25	30.67	39.69	30.88	26.38	22.07
0.9	0.24	30.68	40.64	31.51	26.80	22.06
1.0	0.24	30.66	39.57	32.08	27.15	22.06
10.0	0.19	30.63	40.33	42.12	29.45	21.97
17.0	0.20	30.66	39.56	39.73	29.40	21.95
24.0	0.20	30.67	37.39	37.30	29.40	21.95
31.0	0.21	30.66	36.65	35.54	29.33	21.95
38.0	0.21	30.67	37.71	34.06	29.24	21.93
45.0	0.22	30.65	35.66	32.82	29.14	21.94
52.0	0.22	30.68	35.22	31.72	28.95	21.94
59.0	0.23	30.68	35.42	30.80	28.77	21.94
66.0	0.23	30.71	36.29	29.91	28.58	21.95
73.0	0.24	30.70	36.24	29.17	28.35	21.95
80.0	0.24	30.70	34.12	28.48	28.10	21.95
89.0	0.24	30.72	33.59	27.65	27.78	21.97
98.0	0.25	30.73	32.25	26.88	27.44	21.97
107.0	0.25	30.76	33.07	26.20	27.09	21.99
116.0	0.25	30.78	31.57	25.56	26.75	21.99
125.0	0.26	30.79	30.59	24.96	26.52	22.01
132.0	0.27	30.80	30.45	24.51	26.44	22.01
139.0	0.27	30.78	31.28	24.11	26.18	22.02
146.0	0.28	30.84	31.42	23.70	25.84	22.04
153.0	0.28	30.83	29.42	23.33	25.56	22.06
160.0	0.29	30.86	29.96	22.97	25.26	22.07
169.0	0.29	30.87	29.99	22.53	24.92	22.09
178.0	0.30	30.90	29.32	22.10	24.58	22.12
187.0	0.31	30.90	29.65	21.71	24.31	22.15
196.0	0.31	30.95	28.52	21.32	24.03	22.17
205.0	0.31	30.96	28.27	20.96	23.72	22.20
214.0	0.32	30.97	28.18	20.61	23.40	22.22
223.0	0.32	31.02	28.38	20.27	23.08	22.25
232.0	0.33	31.04	28.37	19.95	22.78	22.29
241.0	0.34	31.08	28.30	19.64	22.50	22.31
250.0	0.35	31.09	28.60	19.35	22.21	22.35

REV. X1
ZMDC-30-1+
110301
Page 1 of 1



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