

# Directional Coupler

# TDC-10-1+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
1.0	0.91	10.47	61.61	26.30	19.50	19.15
2.0	0.81	10.37	60.32	29.81	20.87	20.63
3.0	0.79	10.34	59.72	31.25	21.37	21.20
4.0	0.77	10.31	58.79	31.96	21.61	21.47
5.0	0.77	10.32	57.55	32.41	21.71	21.60
6.0	0.77	10.31	56.61	32.65	21.78	21.68
7.0	0.77	10.32	56.43	32.85	21.82	21.72
8.0	0.77	10.32	54.95	33.00	21.83	21.74
9.0	0.77	10.32	54.81	33.15	21.84	21.76
10.0	0.76	10.32	53.94	33.25	21.84	21.75
19.0	0.78	10.34	49.38	34.03	21.74	21.64
28.0	0.81	10.37	46.10	34.49	21.67	21.55
37.0	0.85	10.38	43.44	34.70	21.61	21.50
46.0	0.86	10.37	41.75	34.70	21.60	21.49
55.0	0.85	10.38	39.92	34.62	21.62	21.49
64.0	0.83	10.39	38.45	34.42	21.63	21.50
73.0	0.83	10.38	37.26	34.26	21.64	21.52
82.0	0.85	10.39	36.07	34.05	21.68	21.56
91.0	0.87	10.40	35.16	33.85	21.71	21.58
100.0	0.88	10.41	34.07	33.58	21.74	21.62
110.0	0.88	10.41	33.22	33.36	21.79	21.66
120.0	0.88	10.43	32.33	33.15	21.82	21.70
130.0	0.88	10.43	31.62	32.91	21.86	21.75
140.0	0.89	10.43	30.87	32.69	21.89	21.77
150.0	0.90	10.46	30.13	32.51	21.93	21.83
160.0	0.89	10.44	29.45	32.30	21.97	21.87
170.0	0.88	10.42	28.87	32.15	22.02	21.92
180.0	0.89	10.42	28.22	31.98	22.05	21.96
190.0	0.89	10.44	27.64	31.78	22.10	22.02
200.0	0.91	10.48	27.06	31.64	22.15	22.08
218.0	0.92	10.47	26.20	31.34	22.24	22.17
236.0	0.94	10.49	25.41	31.05	22.35	22.30
254.0	0.95	10.50	24.49	30.77	22.44	22.43
272.0	0.91	10.47	23.74	30.45	22.56	22.57
290.0	0.94	10.51	22.98	30.18	22.66	22.69
308.0	0.98	10.53	22.30	29.93	22.76	22.83
326.0	0.98	10.54	21.69	29.66	22.89	22.97
344.0	1.00	10.57	20.99	29.39	23.02	23.12
362.0	0.95	10.54	20.32	29.11	23.14	23.28
380.0	0.98	10.58	19.73	28.82	23.26	23.45
400.0	1.04	10.59	19.10	28.49	23.42	23.64

REV. X1  
TDC-10-1+  
060718  
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