

Directional Coupler

TRDC-ED12605/3

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
1.0	10.27	23.51	19.62	0.48	0.47	0.49
3.0	3.26	16.86	21.81	3.03	3.00	3.08
5.0	1.55	15.37	24.10	5.82	5.78	5.89
7.0	0.94	14.85	26.15	8.24	8.21	8.31
9.0	0.66	14.62	27.79	10.31	10.30	10.38
10.0	0.59	14.55	28.42	11.24	11.24	11.30
20.0	0.45	14.41	30.63	18.08	18.56	18.11
30.0	0.59	14.54	31.09	20.69	22.64	20.64
40.0	0.65	14.63	31.05	21.29	24.03	21.16
50.0	0.65	14.65	30.78	21.72	24.82	21.55
60.0	0.64	14.67	30.70	22.17	25.40	21.95
70.0	0.63	14.68	30.40	22.65	25.90	22.35
80.0	0.61	14.68	30.43	23.11	26.41	22.73
90.0	0.60	14.68	30.03	23.53	26.92	23.05
100.0	0.59	14.68	29.77	23.90	27.50	23.32
150.0	0.55	14.69	28.44	24.99	30.53	23.90
200.0	0.54	14.69	26.99	25.54	31.89	24.30
250.0	0.53	14.69	25.46	26.02	33.84	24.38
300.0	0.53	14.69	23.97	26.45	34.78	24.60
350.0	0.53	14.69	22.92	26.94	36.53	24.63
400.0	0.53	14.69	22.02	27.45	37.05	24.95
450.0	0.54	14.68	20.68	27.39	40.45	24.76
500.0	0.55	14.66	20.01	28.00	40.11	24.80
512.0	0.55	14.66	19.81	27.96	40.91	24.83
520.0	0.55	14.66	19.65	27.95	41.36	24.85
540.0	0.56	14.66	19.06	27.72	40.43	24.85
560.0	0.56	14.64	18.69	27.63	37.88	24.85
580.0	0.56	14.63	18.41	27.82	36.03	24.94
600.0	0.57	14.63	18.13	28.08	35.24	25.09
700.0	0.60	14.61	16.52	28.80	30.50	25.59
800.0	0.63	14.58	15.31	29.59	28.85	25.36
900.0	0.67	14.56	14.22	29.77	27.11	24.69
1000.0	0.72	14.54	13.28	28.23	24.90	24.62
1200.0	0.83	14.51	11.44	25.58	21.79	23.98
1400.0	1.02	14.58	9.30	23.15	19.23	23.07
1600.0	1.24	14.73	7.51	20.00	17.73	21.18
1800.0	1.56	14.89	5.40	17.67	16.78	19.74
2000.0	2.06	15.31	3.35	15.19	16.59	18.28
2200.0	2.70	16.02	1.52	13.09	17.20	16.89
2400.0	3.37	16.95	-0.10	11.61	18.71	16.12
2200.0	3.82	17.30	0.18	10.37	12.86	17.97