

Directional Coupler

ADC-ED10779/2

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
3.0	1.72	10.38	19.05	13.57	15.39	13.65
5.0	1.60	10.36	20.02	14.82	17.81	14.90
7.0	1.51	10.31	20.61	15.58	19.32	15.60
9.0	1.44	10.27	20.95	16.14	20.51	16.14
10.0	1.41	10.25	21.09	16.37	21.02	16.36
20.0	1.25	10.15	21.84	17.90	24.90	17.80
30.0	1.18	10.11	22.10	18.64	27.51	18.50
40.0	1.15	10.09	22.21	19.10	29.63	18.95
50.0	1.13	10.08	22.26	19.44	31.44	19.27
75.0	1.11	10.08	22.39	19.95	35.95	19.76
100.0	1.10	10.08	22.40	20.20	41.07	20.05
200.0	1.13	10.16	22.13	21.36	36.93	20.64
300.0	1.18	10.18	21.95	21.97	28.99	21.67
400.0	1.13	10.15	21.93	23.17	25.70	22.73
500.0	1.11	10.15	22.34	24.92	25.52	22.93
550.0	1.11	10.16	22.59	24.77	25.60	22.41
600.0	1.11	10.18	23.02	25.88	25.80	21.90
650.0	1.13	10.21	24.03	27.02	26.43	21.32
700.0	1.14	10.24	24.97	26.12	26.18	21.21
750.0	1.16	10.26	25.18	25.60	25.00	21.42
800.0	1.18	10.30	24.50	27.01	24.36	21.24
850.0	1.20	10.32	23.67	29.26	24.61	20.68
860.0	1.20	10.33	23.57	29.48	24.70	20.56
870.0	1.21	10.34	23.43	29.65	24.76	20.43
880.0	1.22	10.35	23.34	29.73	24.84	20.31
900.0	1.22	10.37	23.11	29.68	24.88	20.04
1000.0	1.24	10.40	21.68	34.21	24.47	18.45
1100.0	1.29	10.48	20.10	44.68	25.80	18.14
1200.0	1.34	10.58	20.35	38.99	25.71	18.76
1300.0	1.42	10.68	20.59	29.34	24.47	16.96
1400.0	1.50	10.76	20.68	27.61	23.03	15.14
1500.0	1.61	10.88	19.21	22.75	20.61	15.66