

Directional Coupler

ADC-ED8270/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
200.0	1.63	6.78	15.32	16.16	16.37	16.80
300.0	1.60	6.81	16.01	17.69	17.49	18.85
400.0	1.57	6.77	16.43	19.27	18.22	20.03
500.0	1.56	6.70	16.81	20.80	18.74	20.81
600.0	1.59	6.61	17.19	22.02	18.95	21.37
700.0	1.64	6.52	17.56	22.08	19.14	21.46
800.0	1.70	6.42	17.89	21.33	19.44	21.27
810.0	1.69	6.39	17.93	21.64	19.41	21.40
820.0	1.70	6.38	17.97	21.99	19.33	21.52
830.0	1.70	6.35	18.00	22.19	19.26	21.57
840.0	1.71	6.35	18.02	22.09	19.24	21.57
850.0	1.74	6.35	18.05	21.69	19.29	21.47
860.0	1.76	6.36	18.06	21.17	19.46	21.33
867.0	1.77	6.36	18.07	20.81	19.60	21.21
868.0	1.77	6.36	18.08	20.77	19.62	21.21
869.0	1.77	6.36	18.07	20.73	19.65	21.19
870.0	1.77	6.36	18.08	20.68	19.67	21.17
875.0	1.78	6.36	18.09	20.51	19.77	21.09
882.5	1.77	6.35	18.11	20.36	19.92	21.01
890.0	1.77	6.32	18.14	20.37	20.02	20.97
892.0	1.77	6.32	18.14	20.39	20.04	20.96
893.0	1.76	6.31	18.14	20.41	20.03	20.96
894.0	1.76	6.31	18.14	20.43	20.04	20.96
895.0	1.76	6.31	18.14	20.43	20.04	20.95
896.0	1.76	6.31	18.14	20.46	20.04	20.95
900.0	1.76	6.29	18.16	20.57	20.03	20.96
1000.0	1.85	6.20	18.24	19.80	20.54	20.45
1100.0	1.95	6.11	18.05	18.83	21.08	19.86
1200.0	2.05	6.04	17.55	17.57	21.80	19.28
1300.0	2.16	5.98	16.79	16.32	22.81	18.80
1400.0	2.30	5.96	15.87	15.31	23.18	18.38
1500.0	2.41	5.95	14.90	14.46	22.49	17.92
1600.0	2.51	6.00	13.94	13.59	20.34	17.53
1700.0	2.62	6.10	13.01	12.50	18.01	17.23
1800.0	2.75	6.26	12.07	11.37	15.45	17.09