

Directional Coupler

ZADC-ED10172/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
300.0	1.01	14.79	11.36	8.99	8.54	8.59
400.0	0.79	14.98	13.42	11.01	10.56	10.89
500.0	0.71	15.09	15.38	12.60	12.19	12.86
600.0	0.65	15.14	17.39	14.00	13.62	14.63
700.0	0.61	15.13	19.46	15.37	15.03	16.33
750.0	0.55	15.11	20.48	15.98	15.70	17.12
800.0	0.61	15.09	21.57	16.69	16.44	18.01
810.0	0.62	15.11	21.85	16.82	16.57	18.19
820.0	0.62	15.13	22.02	16.96	16.71	18.38
830.0	0.60	15.14	22.30	17.09	16.89	18.55
840.0	0.57	15.13	22.56	17.21	17.02	18.71
850.0	0.53	15.10	22.78	17.33	17.15	18.88
860.0	0.52	15.07	23.05	17.44	17.31	19.05
870.0	0.53	15.04	23.31	17.56	17.47	19.21
880.0	0.55	15.03	23.62	17.71	17.64	19.40
890.0	0.59	15.04	23.85	17.83	17.77	19.57
900.0	0.62	15.05	24.06	17.96	17.87	19.78
950.0	0.54	15.07	25.63	18.78	18.75	20.77
1000.0	0.61	15.01	27.25	19.40	19.58	21.77
1100.0	0.60	14.98	31.55	21.15	21.65	24.11
1200.0	0.60	14.96	39.31	22.84	24.00	26.89
1300.0	0.64	14.93	41.00	24.63	26.71	29.88
1400.0	0.67	14.90	32.41	26.73	28.77	30.25
1500.0	0.71	14.88	27.95	28.79	28.75	27.25
1600.0	0.75	14.90	24.64	30.65	26.94	24.22
1650.0	0.79	14.86	23.33	31.43	25.87	22.82
1700.0	0.78	14.95	22.08	31.94	24.91	21.64
1750.0	0.83	14.82	21.04	32.87	24.01	20.53
1800.0	0.79	15.00	20.01	33.04	23.26	19.57
1850.0	0.88	14.83	19.06	34.15	22.57	18.68
1900.0	0.83	15.03	18.11	34.70	21.97	17.86
1950.0	0.90	14.90	17.27	36.06	21.47	17.08
2000.0	0.90	14.98	16.42	37.99	21.00	16.41
2100.0	1.00	14.94	14.89	45.10	20.37	15.14
2200.0	1.05	14.99	13.44	49.13	19.81	14.03
2300.0	1.05	15.14	12.11	35.66	19.45	13.09