

Directional Coupler

ZADC-ED12043/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
200.0	0.51	20.17	15.45	11.38	11.22	15.24
300.0	0.34	20.22	18.20	14.69	14.55	18.79
400.0	0.29	20.20	20.24	17.26	17.12	21.68
500.0	0.28	20.17	21.70	19.56	19.55	24.39
600.0	0.30	20.13	23.07	21.87	21.90	27.11
700.0	0.33	20.07	24.14	24.44	24.56	29.82
800.0	0.32	19.96	24.85	27.77	28.12	32.50
850.0	0.36	19.99	25.49	29.94	30.16	33.47
900.0	0.34	19.91	25.96	32.87	32.85	33.78
950.0	0.32	19.90	26.03	36.85	35.86	33.07
1000.0	0.41	19.86	26.71	43.16	37.42	31.76
1050.0	0.35	19.86	27.16	46.52	36.28	30.23
1100.0	0.37	19.80	27.54	39.26	34.02	28.65
1150.0	0.41	19.84	28.54	34.97	31.46	27.23
1200.0	0.40	19.80	30.01	32.36	29.36	26.05
1250.0	0.40	19.81	29.28	30.50	27.75	25.04
1300.0	0.44	19.77	30.13	29.12	26.90	24.16
1350.0	0.45	19.89	31.41	28.11	26.41	23.40
1400.0	0.45	19.79	30.69	27.42	25.56	22.65
1450.0	0.49	19.86	31.48	26.88	24.74	21.89
1500.0	0.49	19.90	29.94	26.44	24.28	21.20
1550.0	0.51	19.99	27.12	26.13	24.01	20.53
1600.0	0.53	19.92	26.53	25.97	23.83	19.84
1650.0	0.55	20.17	24.24	25.81	23.68	19.24
1700.0	0.55	20.10	22.35	25.65	23.51	18.80
1750.0	0.61	20.21	21.83	25.66	23.21	18.42
1800.0	0.61	20.35	20.23	25.74	23.08	18.06
1850.0	0.60	20.44	18.41	25.74	23.43	17.80
1900.0	0.72	20.49	17.79	25.57	23.61	17.62
1950.0	0.66	20.69	16.21	25.75	23.45	17.42
2000.0	0.75	20.83	15.44	25.69	23.18	17.23
2050.0	0.80	21.07	14.58	25.65	23.04	17.06
2100.0	0.78	21.13	13.39	25.67	23.24	16.83
2150.0	0.83	21.50	12.11	25.74	23.49	16.59
2200.0	0.96	21.63	11.45	25.84	23.21	16.45
2250.0	0.79	21.85	10.42	25.81	23.01	16.34
2300.0	1.06	22.19	9.29	25.62	22.96	16.23
2400.0	0.98	22.66	7.59	25.95	22.14	16.37
2500.0	1.11	23.50	5.54	25.70	21.36	16.42
2600.0	1.31	24.62	2.49	25.49	20.13	16.40
2700.0	1.28	26.64	-1.93	25.16	18.60	16.15