

Directional Coupler

ZFDC-ED13361/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				(dB)		
				IN	OUT	CPL
1.0	2.05	10.34	21.82	13.01	15.25	15.33
2.0	1.76	10.21	23.91	14.41	17.68	17.85
3.0	1.55	10.12	25.01	15.51	19.71	19.91
4.0	1.42	10.05	25.62	16.31	21.54	21.75
5.0	1.35	10.02	26.03	16.89	23.20	23.36
6.0	1.31	10.00	26.28	17.28	24.57	24.80
7.0	1.28	9.99	26.54	17.57	25.81	26.08
8.0	1.26	9.98	26.67	17.76	26.95	27.24
9.0	1.25	9.97	26.78	17.90	27.97	28.29
10.0	1.24	9.97	26.97	18.01	28.81	29.28
30.0	1.26	9.98	28.08	18.24	34.89	38.68
50.0	1.30	10.00	28.78	18.15	34.02	37.83
70.0	1.33	10.02	29.22	18.13	33.45	36.43
90.0	1.35	10.04	29.51	18.14	33.13	35.27
100.0	1.36	10.05	29.62	18.16	33.05	34.72
300.0	1.42	10.21	30.43	19.23	31.91	28.93
500.0	1.45	10.37	29.84	21.35	30.11	26.12
700.0	1.48	10.50	28.46	25.02	28.11	25.05
900.0	1.50	10.55	25.88	31.23	26.86	25.04
1000.0	1.52	10.55	24.84	39.86	25.90	25.50
1100.0	1.54	10.54	23.96	42.42	25.05	26.12
1200.0	1.56	10.51	23.23	32.54	24.22	26.90
1300.0	1.59	10.48	22.45	27.54	23.28	28.04
1400.0	1.63	10.45	22.06	24.39	22.25	29.57
1500.0	1.68	10.41	21.69	22.13	21.37	30.94
1600.0	1.73	10.38	21.35	20.52	20.56	31.72
1700.0	1.80	10.35	21.17	18.90	19.59	30.87
1800.0	1.87	10.33	20.99	17.71	18.85	28.94
1900.0	1.94	10.33	20.72	16.75	18.36	26.34
2000.0	2.04	10.35	20.52	15.64	17.57	23.96
2100.0	2.15	10.39	19.97	14.73	17.09	21.76



P.O. Box 350188, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4951 For detailed performance specs & shopping online see Mini-Circuits web site



The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINN-CIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS



REV. X1

ZFDC-ED13361/1

1/6/2009

Page 1 of 1