

Directional Coupler

3ZN10DBED12990A1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
500.0	0.53	11.03	27.03	26.16	25.85	19.53
525.0	0.55	10.79	27.20	26.73	26.58	19.47
550.0	0.58	10.57	27.24	27.28	27.24	19.47
575.0	0.60	10.38	27.19	27.93	27.90	19.50
600.0	0.62	10.21	27.13	28.79	28.78	19.61
625.0	0.64	10.06	27.11	29.70	29.82	19.79
650.0	0.66	9.94	27.05	30.35	30.80	20.02
675.0	0.68	9.84	26.77	30.84	31.11	20.30
700.0	0.69	9.75	26.39	31.16	31.51	20.66
725.0	0.70	9.68	26.21	31.23	31.87	21.12
750.0	0.71	9.63	25.88	30.80	31.30	21.67
775.0	0.72	9.61	25.36	29.93	30.54	22.30
800.0	0.72	9.60	24.77	29.16	29.93	23.02
814.0	0.72	9.60	24.44	28.75	29.66	23.47
824.0	0.72	9.61	24.18	28.42	29.43	23.79
834.0	0.72	9.62	23.92	28.06	29.19	24.13
844.0	0.72	9.63	23.68	27.69	28.86	24.47
854.0	0.72	9.65	23.41	27.35	28.46	24.80
864.0	0.72	9.67	23.12	26.99	28.07	25.12
874.0	0.72	9.69	22.79	26.61	27.70	25.41
884.0	0.72	9.71	22.44	26.31	27.43	25.68
894.0	0.72	9.74	22.07	26.01	27.17	25.91
900.0	0.72	9.76	21.87	25.83	27.08	26.03
925.0	0.71	9.85	21.04	25.17	26.63	26.31
950.0	0.70	9.97	20.27	24.50	26.05	26.11
975.0	0.69	10.10	19.41	23.85	25.23	25.45
1000.0	0.69	10.26	18.48	23.17	24.52	24.43
1025.0	0.67	10.45	17.57	22.49	24.00	23.27
1050.0	0.65	10.67	16.70	21.81	23.26	22.09
1075.0	0.64	10.91	15.80	21.08	22.32	20.96
1100.0	0.63	11.19	14.86	20.33	21.39	19.89
1125.0	0.61	11.50	13.96	19.56	20.50	18.91
1150.0	0.60	11.85	13.06	18.73	19.57	18.01
1175.0	0.59	12.24	12.17	17.90	18.60	17.18
1200.0	0.58	12.67	11.23	17.06	17.64	16.42
1250.0	0.58	13.68	9.37	15.43	15.89	15.08
1300.0	0.60	14.92	7.46	13.87	14.21	14.00
1350.0	0.63	16.44	5.42	12.53	12.88	13.10
1400.0	0.69	18.34	3.19	11.31	11.61	12.40
1450.0	0.76	20.75	0.59	10.38	10.66	11.87
1500.0	0.83	23.93	-2.60	9.61	9.87	11.50