

Directional Coupler

Z30-18-4-75+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN (dB)	OUT (dB)	CPL
5.0	0.88	18.17	26.83	20.12	22.09	19.91
10.0	0.82	18.07	27.59	21.34	23.82	21.32
15.0	0.81	18.04	27.81	21.66	24.27	21.68
20.0	0.80	18.04	27.97	21.77	24.45	21.80
50.0	0.80	18.05	27.94	21.82	24.52	21.60
80.0	0.81	18.05	27.94	21.81	24.33	21.07
100.0	0.81	18.07	28.04	21.83	24.16	20.62
125.0	0.81	18.06	28.33	21.78	24.08	20.06
150.0	0.81	18.07	28.42	21.72	24.14	19.39
200.0	0.80	18.07	28.51	21.37	24.08	18.13
250.0	0.78	18.07	28.35	20.95	23.12	16.76
275.0	0.77	18.05	28.56	20.88	23.02	16.29
300.0	0.74	18.07	28.32	20.92	23.17	15.85
325.0	0.75	18.07	28.01	21.12	23.21	15.34
350.0	0.76	18.09	27.60	21.26	23.42	14.85
375.0	0.79	18.15	27.37	21.22	23.86	14.44
400.0	0.81	18.19	26.64	21.03	24.11	14.06
450.0	0.87	18.28	25.67	20.36	22.79	13.19
475.0	0.89	18.32	25.04	19.94	21.89	12.72
500.0	0.90	18.37	24.60	19.52	21.32	12.32
525.0	0.92	18.40	24.01	19.12	21.15	12.04
550.0	0.94	18.42	23.47	18.77	21.14	11.77
575.0	0.94	18.44	22.98	18.48	20.57	11.48
600.0	0.95	18.48	22.48	18.20	19.68	11.11
625.0	0.95	18.48	22.00	17.96	18.94	10.75
650.0	0.94	18.45	21.42	17.77	18.62	10.48
675.0	0.98	18.54	20.98	17.59	18.69	10.33
700.0	0.99	18.54	20.53	17.42	18.80	10.12
725.0	0.94	18.46	20.02	17.28	18.59	9.87
750.0	0.95	18.52	19.60	17.16	18.32	9.68
775.0	0.99	18.63	19.11	17.16	18.45	9.59
800.0	0.97	18.59	18.90	17.21	18.90	9.51
825.0	0.95	18.56	18.38	17.30	19.04	9.34
850.0	0.97	18.64	18.08	17.29	18.62	9.14
875.0	1.00	18.71	17.71	17.24	18.11	9.00
900.0	0.99	18.70	17.30	17.14	17.86	8.92
925.0	0.99	18.73	16.98	17.06	17.80	8.84
950.0	0.99	18.77	16.68	16.95	17.60	8.70
975.0	0.98	18.78	16.30	16.83	17.20	8.57
1000.0	1.00	18.84	16.02	16.74	16.72	8.45

REV. X1
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