

# Directional Coupler

# Z30-13-5-75+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
5.0	0.87	13.08	21.59	20.33	25.77	22.04
10.0	0.83	13.05	21.89	21.10	28.19	23.20
20.0	0.80	13.05	21.95	21.41	29.39	23.60
30.0	0.81	13.05	22.08	21.49	29.67	23.56
40.0	0.81	13.06	21.99	21.49	29.66	23.41
50.0	0.81	13.06	22.01	21.49	29.60	23.21
100.0	0.83	13.09	21.83	21.40	28.11	21.82
120.0	0.83	13.09	21.76	21.36	27.43	21.17
140.0	0.83	13.11	21.67	21.27	26.97	20.45
160.0	0.82	13.12	21.56	21.16	26.41	19.76
180.0	0.82	13.12	21.44	21.03	25.84	19.01
200.0	0.81	13.12	21.28	20.81	25.17	18.35
225.0	0.82	13.13	21.12	20.49	24.24	17.61
250.0	0.81	13.13	20.97	20.14	23.42	16.95
300.0	0.78	13.13	20.65	19.89	22.82	15.36
350.0	0.80	13.18	20.30	20.19	22.80	14.13
400.0	0.86	13.28	20.04	19.81	22.67	13.27
450.0	0.91	13.39	19.76	19.04	21.67	12.44
500.0	0.96	13.45	19.52	18.43	20.05	11.87
525.0	0.97	13.49	19.39	18.17	19.66	11.62
550.0	0.99	13.52	19.32	17.91	19.42	11.34
600.0	1.02	13.57	19.09	17.25	18.10	10.84
650.0	1.00	13.52	18.93	16.63	17.09	10.29
700.0	1.05	13.58	18.80	16.28	17.07	9.73
750.0	1.02	13.51	18.69	16.06	16.69	9.20
800.0	1.06	13.54	18.70	15.99	16.93	8.80
850.0	1.04	13.55	18.64	16.08	16.88	8.68
900.0	1.07	13.56	18.67	16.28	16.35	8.73
950.0	1.07	13.56	18.72	16.31	16.16	8.63
1000.0	1.08	13.57	18.68	16.13	15.35	8.61
1050.0	1.08	13.59	18.70	15.83	15.05	8.31
1100.0	1.09	13.58	18.76	15.46	14.73	7.92
1150.0	1.12	13.72	18.68	15.13	14.56	7.74
1200.0	1.14	13.73	18.55	15.12	15.39	7.55
1250.0	1.20	13.85	18.39	15.47	15.62	7.57
1300.0	1.24	13.84	18.06	15.80	15.81	7.76
1350.0	1.29	13.91	17.65	15.94	15.69	7.88
1400.0	1.31	13.91	17.17	16.33	15.27	7.81
1450.0	1.37	13.95	16.60	16.55	15.10	7.55
1500.0	1.43	13.97	15.97	16.05	14.33	7.28

REV. X1  
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