

# Directional Coupler

# LRDC-10-1

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
5.0	0.87	10.56	34.05	32.58	21.08	21.19
6.0	0.86	10.56	34.44	33.23	21.19	21.29
7.0	0.86	10.55	34.65	33.67	21.28	21.35
8.0	0.85	10.55	34.83	34.00	21.33	21.41
9.0	0.86	10.55	34.98	34.24	21.38	21.44
10.0	0.85	10.54	35.09	34.41	21.40	21.47
14.0	0.85	10.55	35.08	34.86	21.45	21.51
18.0	0.85	10.56	35.12	34.94	21.43	21.51
22.0	0.86	10.57	34.87	34.86	21.43	21.53
26.0	0.86	10.58	34.65	34.62	21.40	21.52
30.0	0.86	10.59	34.60	34.30	21.37	21.52
34.0	0.87	10.60	34.34	33.93	21.33	21.52
38.0	0.87	10.61	34.30	33.52	21.31	21.52
42.0	0.87	10.61	34.23	33.03	21.27	21.52
46.0	0.87	10.62	34.25	32.56	21.23	21.51
50.0	0.88	10.62	34.14	32.09	21.20	21.52
55.0	0.89	10.62	34.06	31.49	21.16	21.52
60.0	0.90	10.63	34.05	30.91	21.11	21.52
65.0	0.91	10.63	34.03	30.35	21.06	21.54
70.0	0.92	10.63	33.92	29.82	21.01	21.53
75.0	0.92	10.62	33.94	29.32	20.96	21.54
80.0	0.92	10.61	33.94	28.84	20.90	21.53
85.0	0.92	10.62	33.76	28.39	20.83	21.52
90.0	0.92	10.62	33.87	27.95	20.79	21.53
95.0	0.92	10.62	33.66	27.53	20.72	21.52
100.0	0.92	10.64	33.81	27.13	20.64	21.50
130.0	0.97	10.68	33.37	25.10	20.17	21.41
160.0	0.96	10.64	32.79	23.53	19.67	21.30
190.0	0.97	10.67	31.74	22.20	19.16	21.20
220.0	1.09	10.73	30.65	21.04	18.61	21.05
250.0	1.02	10.65	29.27	20.08	18.07	20.87
280.0	1.01	10.66	27.76	19.24	17.58	20.72
310.0	1.24	10.76	26.53	18.45	17.07	20.55
340.0	1.09	10.66	25.25	17.76	16.58	20.35
370.0	1.09	10.64	23.97	17.16	16.13	20.19
400.0	1.33	10.75	22.82	16.61	15.73	20.07
420.0	1.25	10.69	22.09	16.25	15.45	19.95
440.0	1.17	10.62	21.37	15.92	15.18	19.85
460.0	1.25	10.67	20.65	15.61	14.94	19.75
480.0	1.42	10.72	20.06	15.33	14.70	19.66
500.0	1.36	10.67	19.44	15.06	14.47	19.60

REV. X1  
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060718  
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