

Coaxial Cable Delay Lines

Fabricated Using stable Copper or Aluminum Semi-rigid Cable

Features

- +/-0.5 nanoseconds standard tolerance
- +/-20 picoseconds tolerance on special order
- Copper or aluminum jackets (aluminum 40% lighter)
- Cable size based on customer insertion loss and power handling requirements
- Specialists in customizing units to user requirements

MIDISCO

has a line of standard Delay Lines with a short delivery time that can service many customer applications. They include delays of 5, 10, 25, 50 and 100 nanoseconds, using 0.086, 0.141 or 0.250 semi-rigid cable. Larger cable diameters decrease insertion loss, and increase average power handling capability. We also produce Delay Lines to exacting customer requirements.

New Products

Model Number*	Cable Size	Delay (+/- 0.5 ns)	Max. Dimensions (HXD)	Max. Weight (oz)
MDC086DL5	0.086	5	0.19 X 2.57	3.5
MDC086DL10	0.086	10	0.38 X 2.57	4.5
MDC086DL25	0.086	25	1.42 X 2.38	7.2
MDC086DL50	0.086	50	1.32 X 2.76	11.7
MDC086DL100	0.086	100	1.70 X 3.14	19.5
MDC141DL5	0.141	5	0.45 X 2.60	4.8
MDC141DL10	0.141	10	0.90 X 2.60	6.7
MDC141DL25	0.141	25	1.35 X 2.90	12.8
MDC141DL50	0.141	50	1.95 X 3.20	23.0
MDC141DL100	0.141	100	3.00 X 3.50	44.0
MDC250DL5	0.250	5	1.65 X 2.55	8.8
MDC250DL10	0.250	10	1.65 X 3.10	14.4
MDC250DL25	0.250	25	2.20 X 3.65	32.0
MDC250DL50	0.250	50	3.03 X 4.20	61.6
MDC250DL100	0.250	100	3.58 X 5.30	120.0

*:Standard cable jacket is copper. Add "AL" to part number for aluminum.

Standard Delay Configuration

