

# Delay Lines

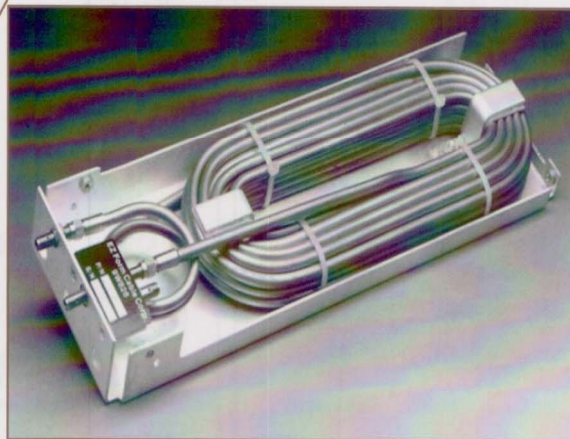
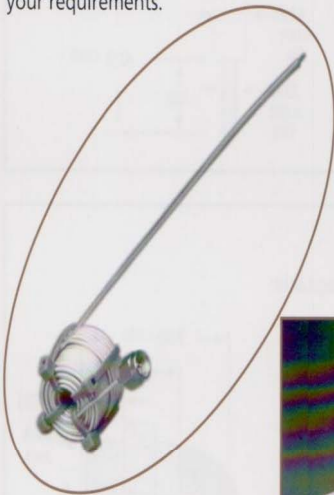
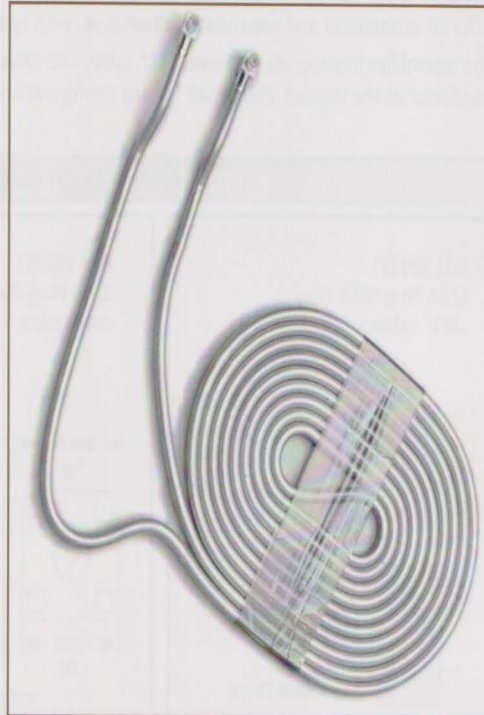
Custom designed to your requirements

Producing delay lines to exacting customer specifications is a highly-developed capability at EZ Form.

Using our cable with its superior characteristics allows us to shape delay lines into almost any configuration required, and meet your most stringent electrical and mechanical specifications as well.

Our standard delay lines (shown on the next page) fit a wide range of needs, and are available with a short delivery time.

Should you need a special design or a custom electrical specification, our engineers will work with you to configure a delay line that satisfies your requirements.

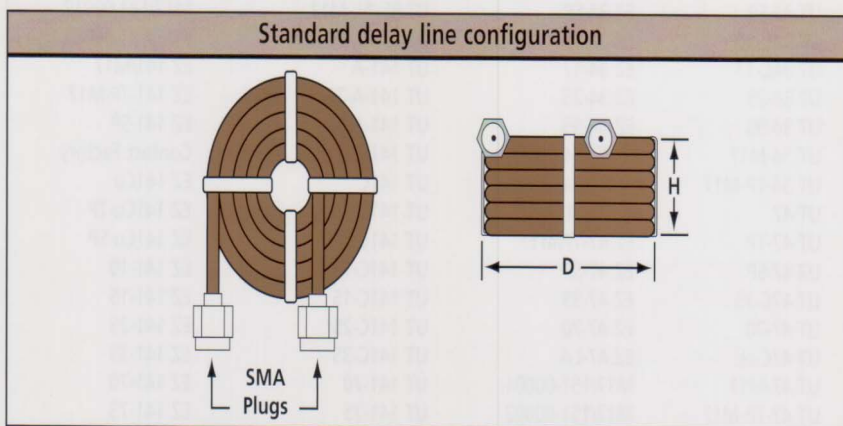




# Standard Delay Lines

Copper or aluminum semi-rigid cable

Consistent, reliable standard delay lines from EZ Form are available with short delivery times. Call us with your requirements for custom delay lines with special cable sizes, impedances, finishes, or electrical characteristics.



| Cable Size | Delay (ns) | Part Number | Max. Dimensions inches (mm) |             | Max. Weight ounces (g)<br>*See below |
|------------|------------|-------------|-----------------------------|-------------|--------------------------------------|
|            |            |             | Height                      | Diameter    |                                      |
| .086       | 5 ±0.5     | EZ86DL5     | .19 (4.83)                  | 2.57 (65.3) | 3.52 (99.8)                          |
| .086       | 10 ±0.5    | EZ86DL10    | .38 (9.65)                  | 2.57 (65.3) | 4.48 (127)                           |
| .086       | 25 ±0.5    | EZ86DL25    | 1.42 (36.1)                 | 2.38 (60.5) | 7.20 (204)                           |
| .086       | 50 ±1.0    | EZ86DL50    | 1.32 (33.5)                 | 2.76 (70.1) | 11.70 (331)                          |
| .086       | 100 ±1.0   | EZ86DL100   | 1.70 (43.2)                 | 3.14 (79.8) | 19.50 (554)                          |
| .141       | 5 ±0.5     | EZ141DL5    | .45 (11.4)                  | 2.60 (66.0) | 4.80 (136)                           |
| .141       | 10 ±0.5    | EZ141DL10   | .90 (22.9)                  | 2.60 (66.0) | 6.72 (191)                           |
| .141       | 25 ±0.5    | EZ141DL25   | 1.35 (34.3)                 | 2.90 (73.7) | 12.80 (363)                          |
| .141       | 50 ±1.0    | EZ141DL50   | 1.95 (49.5)                 | 3.20 (81.3) | 23.20 (658)                          |
| .141       | 100 ±1.0   | EZ141DL100  | 3.00 (76.2)                 | 3.50 (88.9) | 44.00 (1247)                         |
| .250       | 5 ±0.5     | EZ250DL5    | 1.65 (41.9)                 | 2.55 (64.8) | 8.80 (249)                           |
| .250       | 10 ±0.5    | EZ250DL10   | 1.65 (41.9)                 | 3.10 (78.7) | 14.40 (408)                          |
| .250       | 25 ±0.5    | EZ250DL25   | 2.20 (55.9)                 | 3.65 (92.7) | 32.00 (907)                          |
| .250       | 50 ±1.0    | EZ250DL50   | 3.03 (77.0)                 | 4.20 (107)  | 61.60 (1746)                         |
| .250       | 100 ±1.0   | EZ250DL100  | 3.58 (90.9)                 | 5.30 (135)  | 120.00 (3402)                        |

Delay tolerances shown above are standard; delay lines can be made with tolerances as tight as ±20 picoseconds on special order.

\* For 40% weight savings, add "AL" to part number for delay lines made with EZ Form aluminum-jacketed cable.

As with all EZ Form product lines, we invite your inquiry for delay lines with any specifications or special requirements you may have.