FUNCTIONAL DESCRIPTION

Data Delay Devices offers a wide range of high-bandwidth delay lines based on coaxial & microstrip technology. Whereas LC-networks trade off bandwidth for device size, coaxial/microstrip lines find use in applications where maximum bandwidth is paramount.

Technologies employed include semi-rigid cable, flexible cable, multi-layer microstrip and stripline. Delays can be fixed or adjustable (via switches).

Contact us for a custom design to suit your application’s needs.

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TYPICAL SPECIFICATIONS

- Delay Tolerance: 2%
- Impedance: 50Ω or 75Ω
- Bandwidth: >700MHz
- Ripple in pass-band: Approx. 0.2dB
- Dielectric breakdown: 100 VDC
- Operating temp: -65°C to +125°C
- Temperature coeff: <100 PPM/°C