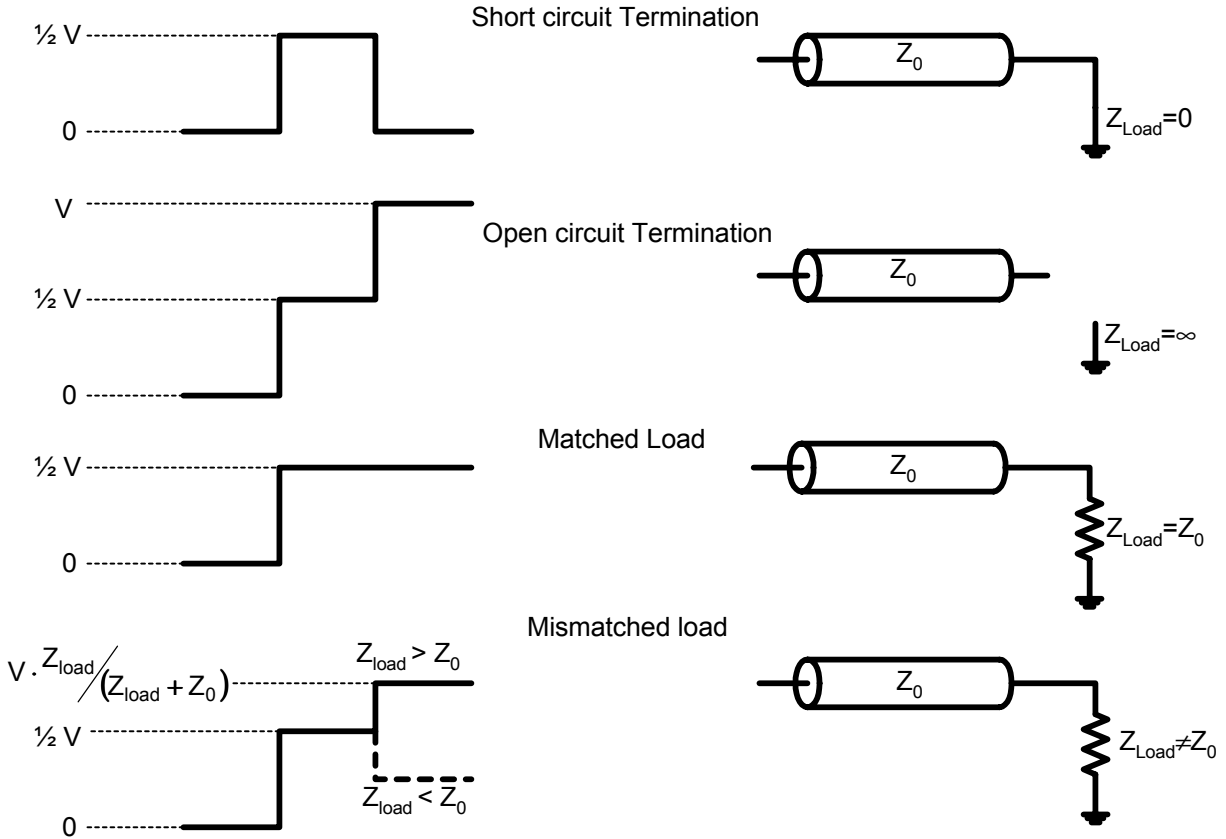
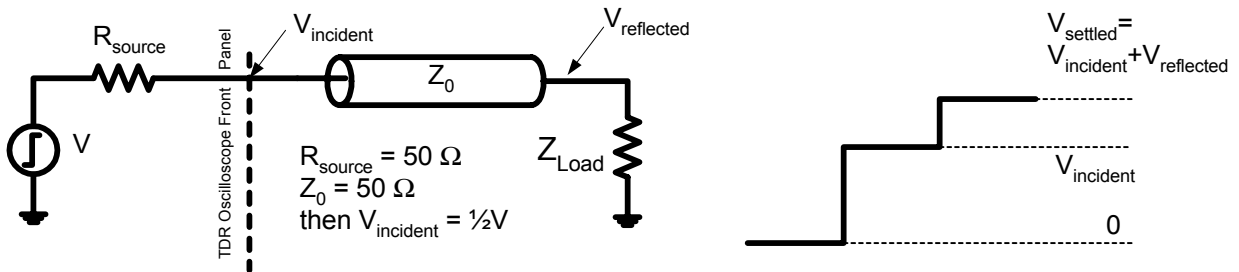


# TDR Interconnect Modeling Quick Guide



## Basic TDR Oscilloscope Equivalent Circuit



## Basic TDR Equations

$$Z_{load} = Z_0 \cdot \frac{1 + \rho}{1 - \rho} = Z_0 \cdot \frac{V_{settled}}{2 \cdot V_{incident} - V_{settled}} \quad \rho = \frac{V_{reflected}}{V_{incident}} = \frac{Z_{load} - Z_0}{Z_{load} + Z_0}$$

# TDA Systems. The Interconnect Modeling Company™

