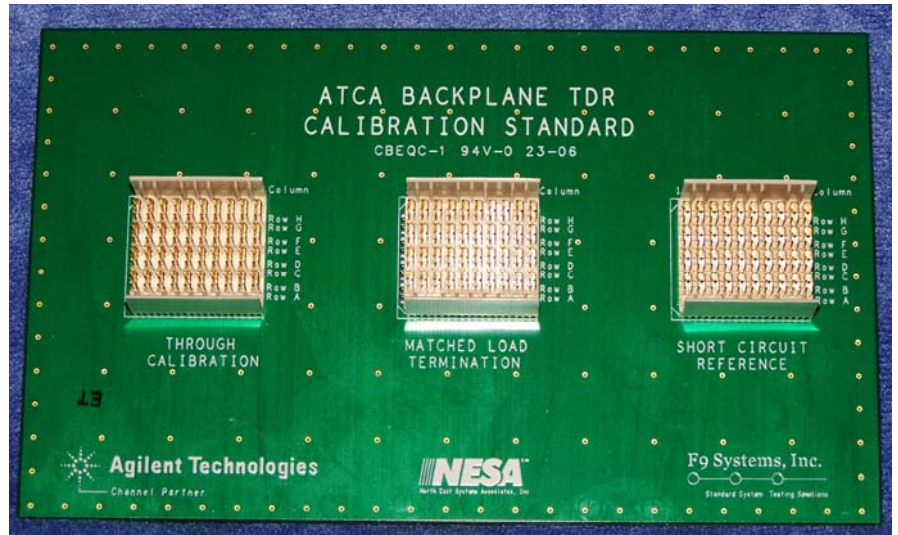


ADVANCED TCA Tx/Rx CALBLADE™

Product Overview

The F9 Systems *CalBlade* backplane calibration fixture is designed to permit accurate and convenient impedance and transmission measurements of a HM-Zd backplane.

The *CalBlade* is used to calibrate the logic card connector interface to the backplane rather than to the usual far-end of the coaxial measurement cables. Very accurate impedance, skew and propagation delay measurements are possible since parasitic fixturing effects are removed.



Tx/Rx CalBlade Key Product Features

Analysis Options:

- The *CalBlade* is used in conjunction with the F9 Systems Tx/Rx SignalBlade and an Agilent 86100 scope with 54754 TDR/TDT plug-ins.
- Use the *CalBlade* to eliminate parasitic fixturing effects from backplane measurements caused by the scope, cables and test fixture.
- Establish the measurement reference plane directly at the logic card connector interface to the backplane, rather than at the end of the coaxial measurement cables.
- The Tx/Rx *CalBlade* uses transmission reflection and matched load (TRL calibration) methodology.
 - A differential transmission path is established.
 - A differential short circuit, providing near perfect-1 reflection coefficients for each channel, is established.
 - Matched 50 ohm impedance load (to ground) is established for each channel.
- The Tx/Rx *CalBlade* is designed to be easy to use and manipulate on the lab bench.

For Further NESA Thermal*Blade* product and ordering Information contact info@nesa.com or call +1.978.392.8787