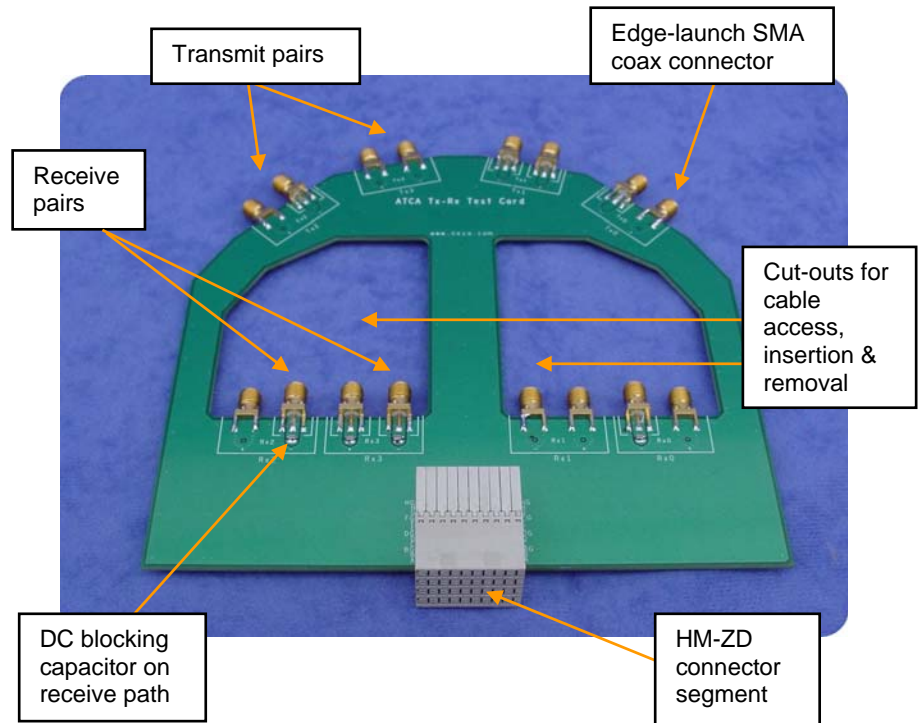


# ADVANCEDTCA Tx/Rx SIGNALBLADE™

## Product Overview

The F9 Systems Tx/Rx SignalBlade test card offers the flexibility to verify the performance of AdvancedTCA fabric and base channels. The set of four (4) Transmit pairs and four (4) Receive pairs allows access to a full channel's eight (8) pairs for complete backplane path characterization.

The card includes a HM-ZD connector segment for access to the backplane and edge-launch SMA connectors for ease of test cable attachment. DC blocking capacitors are included on the receive pairs as required by AdvancedTCA.



## Tx/Rx SignalBlade Key Product Features

### Analysis Options:

- Eliminate the dependency on backplane availability to analyze logic card designs
- Verify design compliance with ATCA
- Skew and connectivity (TDT)
- Signal Impedance (TDR)
- Sample SERDES signals from node and line cards
- Perform clock verification of your system
- Access signals to evaluate bus termination
- Investigate alternatives for optimized designs
- Probe, observe and measure eye-openings
- Flexible connector alignment allows all signals to be easily probed.
- Provides four (4) Transmit and four (4) Receive pairs to test a complete ATCA channel.
- Edge-launch SMAs for superior bandwidth and ease of test cable attachment.
- DC blocking capacitors included on Receive channels.
- Differential impedance of 100  $\Omega$  +/-5%.