ISI-56 Loss Modeling Platform

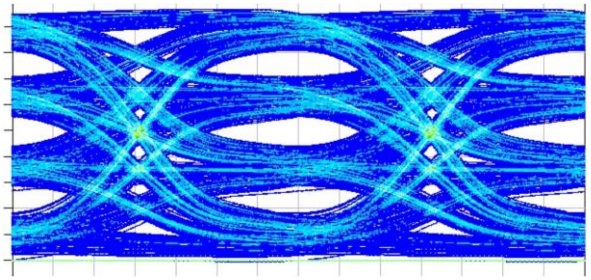
Improves SERDES Testing – Test Pre-Silicon – EDA Kit Friendly – Combine Loss with Crosstalk with XTALK-56

FEATURES

- Loss from –5dB to −40dB at for 10 and 56 Gbpsec
- Keysight ADS Kit available for DFE, CTLE, IBIS-AMI, NRZ and PAM-4
- Causal/Passive high quality S-parameters option available
- Superb signal integrity
  - Low loss, spread weave material used – no group delay noise
  - Pristine VLF launch design
- Optional matched low skew cables available

APPLICATIONS

- SERDES Receiver Tolerance Testing
- Communication Channel Optimization using DFE, FFE, CTLE, and Gain Stage Elements
- Jitter Analysis and Benchmarking
- Related Products — XTALK-56 (coming Spring 2020)



PAM-4 56 Gbpsec

For details and to request a quote, please contact Wild River Technology Sales at the number below, or email us at info@wildrivertech.com.

10-56 Gbpsec Advanced SERDES Intersymbol Interference Loss Platform

The ISI-56 represents the next generation of Wild River Technology platforms with controlled amounts of ISI for creating jitter to 56 Gbpsec NRZ and 112 Gbpsec PAM-4. True Intersymbol Interference (ISI) is created by loss generated with dielectric and skin effect only. Group delay variation, an important loss consideration for data rates exceeding 25 Gbpsec, has been minimized with special layout techniques, pristine connector launches, and the use of controlled weave dielectric material.

The ISI Platform is composed of 9 microstrip and 9 stripline differential pairs of various lengths. Ground vias surrounding each structure preserve jitter spectral purity by suppressing unwanted resonance.

Open to closed eye in minutes

Combine with XTLK-32 Platform for Loss-Crosstalk testing

Pre-Layout, Pre-Silicon EDA Capable

The **ISI–56 (1.85mm connectors)** platform kit includes the assembled and tested platform, custom stands, and User Guide. The stands provide measurement access on any orientation.

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