

ISI-28/32 Loss Modeling Platform

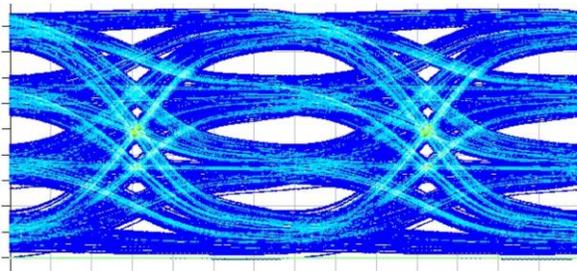
Improves SERDES Testing – Test Pre-Silicon – EDA Kit Friendly – Combine Loss with Crosstalk with XTALK-23

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 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-32, PATHO-I (Q2 2016)



PAM-4 56Gbps

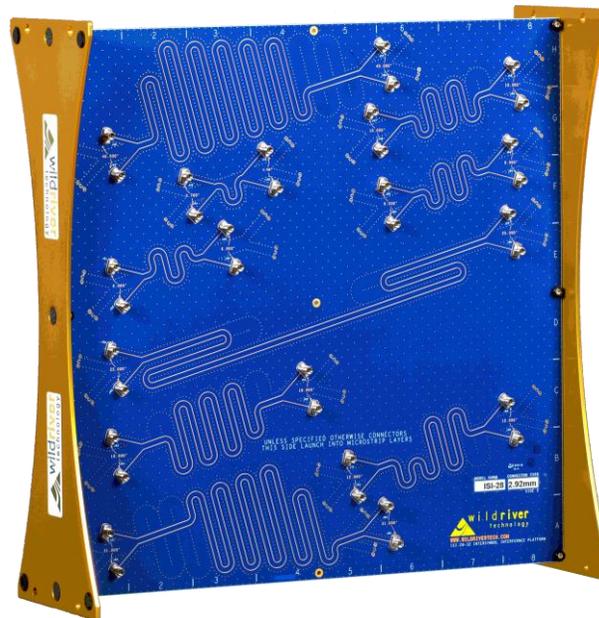
For details and to request a quote, please contact Wild River Technology Sales at the number below, or email us at info@wildrivertech.com.



10-56 Gbpsec Advanced SERDES Intersymbol Interference Loss Platform

The ISI-28, ISI-32 represent the next generation of Wild River Technology platforms with controlled amounts of ISI for creating jitter to 32 Gbpsec NRZ and 56Gbpsec 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 10 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-28 (2.92mm connectors) and ISI-32 (2.4mm connectors) platform kits include the assembled and tested platform, patent pending stands, and User Guide. The stands provide measurement access on any orientation.