ISI-28/32/40 Loss Modeling Platform
6-32 Gbpsec Advanced SERDES Testing - Channel Optimization – Tolerance Testing

The ISI-28, ISI-32, and ISI-40 represent the next generation of Wild River Technology platforms with controlled amounts of ISI for creating jitter to 32 Gbps. 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 Gbps, 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.

The ISI-28/32/40 platform kits include the assembled and tested platform, a ruggedized carrying case and patent pending stands. The stands provide measurement access on any orientation.