



2008 Global Test & Measurement
Emerging Company of the Year Award

MLX300

10GE Intelligent Loopback Device

Next Generation of Metro and Carrier Ethernet Testing

VeEX™ MLX300 Intelligent Loopback device is the next generation of Core and Metro transport test equipment for Ethernet networks carrying voice, data, and video

Key Features

- MX300 companion for end-to-end performance testing
- Industry's most cost effective solution for 10GE testing
- Loopback only device
- Layer 2 and Layer 3 loopback support
- 10GbE LAN/WAN XFP port
- In-band loopback control; accepts loopback commands from a MX300
- Out-band MLX operation: via the 10/100Base-T management port with Reveal MLX. Activate a loopback profile from a remote location.
- Compatible with the MX100/MX120 loopback control for end-to-end testing from the 10GE core network to a 1GE drop on the Metro or Access network
- Default loopback profile storage for fast and easy loopback-ready boot-up
- RS232C supervisor port for MLX300 configuration
- Accompanying PC software, Reveal MLX, for remote control operation and loopback profile loading

Product Description

The MLX300 is an intelligent 10GE loopback device that is the perfect companion to the MX300 10GE test set. Loopback control can be performed in-band or via the built-in 10/100baseT Ethernet port via an internet connection. The MLX300 paired with the MX300 handheld tester, is the industry's most cost effective solution for point to point Service Level Agreement (SLA) verification and end-to-end performance testing.

Loopback Modes

Two modes are available for looping back test traffic; layer 2, and layer 3 mode. For layer 2, all incoming unicast traffic is looped back with the MAC source and destination addresses swapped. For layer 3, all incoming unicast traffic is looped back with MAC and IP source and destination addresses swapped.

The optional loopback-ready boot-up profile, allows for fast and easy setup of the MLX300 to begin testing as soon as the device is powered on. This convenient feature can be easily configured with the accompanying PC software, Reveal MLX.