

MLT 24

24 Channel xDSL Line Simulator

Fast and reliable simultaneous testing of multiple devices.



Cost effective solution for production testing of software and or hardware interoperability. Providing switching, bridging and concentration functionality with 24 discreet inputs and outputs.

BENEFITS

The MLT 24 is a multi channel xDSL Line Simulator with integrated port access switching.

With full capability to handle all DSL technologies up to VDSL2 profile 30a, the MLT can provide unsurpassed automation capabilities to your volume production testing.

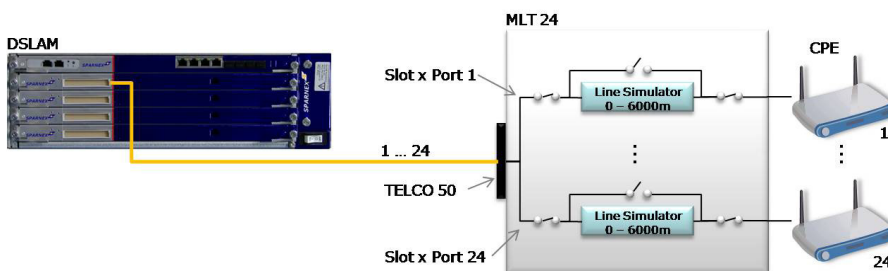
While popular for production line testing, the MLT can also serve as a significant addition to your DSL lab for interoperability testing.

Each line can simulate up to 6 km (19,500 ft) of 26 AWG or 0.4 mm cable.

The MLT is provisioned in either a stand alone or rack mountable 19" package and includes the system controller and a PC interface for automated testing.

32 units can be cascaded providing up to 768 ports making the MLT very suitable for high volume quality control production testing.

The MLT is equipped with the industry standard TELCO 50 connector, allowing the user to run tests in a fully automated mode via scripts. The high capacity is reached by simply adding additional units, controlled through TCP/IP or the RS-232 communications port.



In a production environment, one will typically test a DSLAM blade by connecting it over the 24 individual line sections of the MLT 24 to 24 CPE units.

When testing multiple CPE units concurrently, one can connect these CPE units via the MLT 24 line sections to a reference DSLAM. When additional ports are required, 32 MLT units can be cascaded, providing up to 768 ports.

The MLT is configurable so that when performing "Fast testing", a single line length is setup for each channel within the MLT. Whereas with "Extensive testing", multiple line lengths per channel can be configured consecutively in an automated fashion in the MLT.

APPLICATIONS

- ADSL - RE-ADSL - ADSL2
- ADSL2plus
- VDSL - VDSL2
- VDSL & ADSL over POTS
- SDSL - SHDSL
- HDSL - HDSL2 - HDSL4
- BONDING
- REPEATERS

LOAD TEST

The MLT-24 can check how robust the connection is between modem and DSLAM, with randomized Micro-Interruptions and programmable loop lengths.

GRAPHICAL INTERFACE

Given the high capacity and versatile functions of the MLT, the GUI is a useful add-on for intuitive setup of each channel's configuration.

REMOTE CONTROL

The MLT can be remotely controlled. A simple Command Line Interface (CLI) instructions can be sent via RS-232 or TCP/IP.

PRODUCTION TESTING

Best in class product for parallel massive volume testing in a production environment, simulating lines with high quality and accuracy.

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FEATURES

- Up to 6km per individual line, in steps of 400m
- DC - 35MHz
- Crosstalk
- Insertion Loss
- Cascading up to 32 units
- Randomized Micro-Interruptions
- Select any of the Input ports
 - one port can be selected within each configured bloc of channels
- Select any of the output ports
- Switch to reference port
 - switch any of the first block of 12 channels to a Reference Port
 - concurrently switch any of the second block of 12 channels a reference Port
- Group any of 24 channels into fully independent groups with a combined output.
 - 1 group of 24 inputs to 1 output (24:1)
 - 2 groups of 12 inputs to 2 outputs (12:2)
 - 3 groups of 8 inputs to 3 outputs (8:3)
 - 4 groups of 6 inputs to 4 Outputs (6:4)

SPECIFICATIONS

Communication Interface:	RS-232, Ethernet 10/100Base-T
Fully PC controllable:	LAN (10/100/1000Base-T)
Signal bandwidth:	DC up to 35MHz
Power:	230V AC +10%/-10% 115V AC +15%/-6% Freq.: 47-63Hz

ORDERING INFORMATION

MLT 24
Custom Cables
Connectors
Stand-alone Software
CNI 2.1 Plug-In