



### ET-2600 Physical Layer Switch

#### Overview & Features

The ET-2600 Physical Layer Switch System from ETA Comm Technologies is a rack-mounted cross point switch, that uses relay technology to route signals between ports. This passive switch technology is designated for application such as laboratory and production line testing where users need a switch that will not change the signal being routed between test gear and DUT.

Each switch is equipped with a controller that manages routing through the switch matrix. This controller has a built-in web server and offers a remote procedure call interface. User can interact with the switch using either a web browser or through one of several small client libraries. Library can support C/C++, TLC and other scripting; languages are currently available for Linux (2.4/ 2.6) and Windows (2000/XP). Switches also offer a secure login console that is useful for maintenance in case there are problems accessing the unit over the network.

ET-2600 switches may be grouped in sets of up to ten units with the group acting as a single switch. User can interact with multiple switches using an optional multi-switch library. The choices are designed to give the most flexibility to the design of a user installation.

The ET-2600 is designed to be accessed by multiple users and will mediate between these users using a lightweight access control mechanisms that is designated user friendly. Although an individual user's resources will be monitored for activity and may be returned to the pool if that user is inactive for an extended period, there is also a safeguard "back door" that allows specified users to control the entire switch so that unused resources can be freed.

#### ET-2600



**26 Slot, up to 192 Ports Single Unit,  
10 Units using interconnect backplane  
cable can give you up to 1920 Ports,  
acting as a Single Unit.**

Figure 1

