

# Wall-Mount Fiber Optic Panels are Ideal for Limited-Space Environments

Telect's LANLINXS™ Provides Patch, Splice and Storage Capabilities in Telco Closets, Remote Sites, Customer Premise and Other Applications

Distributing fiber in telco closets, backboard applications or other limited-space environments requires a significant level of efficiency. Although little space is available, functions similar to those common to standard rack-mount applications are still required; in other words, fiber optic distribution equipment must accomplish the same requirements (patch, splice, storage) as rack-based panels or systems – in less space and in a wall-mountable platform.

A wall-mount fiber panel such as Telect's LANLINXS is engineered for just this type of application. Typically, it serves in remote or customer premise sites as a demarcation point for fiber, as well as a distribution platform to other optical equipment in the installation.

Essentially, an incoming multifiber feeder cable is terminated on the service provider side of the panel, via splice trays. LANLINXS Utilizes 12-fiber trays, so a 24-fiber panel requires two trays, for example.

The splices are then terminated on bulkhead patch field, which is populated with 6-port patch plates in a corresponding total quantity. From here, optical patch cords connect outside the panel to other optical equipment. (See sample configuration below, figure 2.)

Key features engineered into LANLINXS panels make them an excellent solution for these types of applications.

*Figure 2: Fully configured Telect LANLINXS 24-port panel. Splice and storage is on the left-hand side of the panel, while patching takes place on the right. In this configuration, an incoming feeder cable enters at the bottom-left of the panel.*



*Figure 1: An unloaded LANLINXS panel demonstrates its scalability — patch plates can be added in pre-drilled holes, while splice trays and storage spool stack on posts built into the panel/chassis.*

## Capacity Options

Telect LANLINXS panels are available in 24-port or 48-port configurations, ample capacity for nearly any premise or remote application.

## Fully Configurable

Panels can be deployed as patch-only or, more typically, as patch-and-splice combination panels. To add patch capacity, users simply install patch plates on a pre-drilled bulkhead (see figure 1 above). For splice capacity, users can stack 12-fiber trays on a pair of posts in the service provider section of the panel.



## Wall-Mount Fiber Panels — Telco Closets, Remote Sites, Premise Applications

### Standard Adapters

All standard bulkhead-style patch plates fit in LANLINXS panels, including SC, ST and FC. Patch plates simply snap into place.

### Scalable Splicing

Twelve-fiber splice trays fit in LANLINXS panels and can be stacked up to four deep for a maximum capacity of 48 fibers. Tray design provides ample protection for each fiber.

### Integrated Storage

Slack storage spool plates can be added to match the capacity of the panel and maintain bend radius for individual fibers internally. Pre-installed cable clips provide simple management of bundled fibers.

### Installation Flexibility

LANLINXS Panels feature entry and exit points at each of four corners, allowing the delivery of a multifiber cable into the panel either from above or below. Similarly, outgoing patch cables can exit the panel at the top or the bottom.

### Lockable Security

Two separate sections, each with a keyed, lockable door, comprise each LANLINXS panel. Separate lockable sides minimize the possibility of customer staff accessing the provider side of the panel, and vice versa (see figure 3).



Figure 3: Each LANLINXS panel features two lockable doors for secure access to each side. Above, the panel is installed on a backboard. The provider side is closed and locked.

As fiber optics extend farther out in network applications away from the central office, efficient and effective connectivity becomes more and more significant. A wall-mount panel enables versatile connectivity in a compact footprint, with the cable management and security features that are key to telco closets, premise locations, and other remote sites.

Telect LANLINXS panels provide all of these capabilities in a cost-effective, versatile, easy to use solution.

## Telect LANLINXS™ Fiber Optic Panels — Details and Part Numbers

### Panels

#### Description

#### Telect Part Number

24-Port LANLINXS panel — requires four patch plates	055-8632-5000
48-Port LANLINXS panel — requires eight patch plates	055-8832-5000

### Patch Plates

Adapters	Capacity	Part Number
SC/UPC	6-port	055-0000-6010
SC/APC	6-port	055-0000-6070
FC/UPC	6-port	055-0000-2010
FC/APC	6-port	055-0000-2070
ST/UPC	6-port	055-0000-3010
Blank	N/A	055-0000-9000

Adapters	Capacity	Part Number
SC/UPC	8-port	055-0000-6080
SC/APC	8-port	055-0000-6090
FC/UPC	8-port	055-0000-2080
FC/APC	8-port	055-0000-2090
ST/UPC	8-port	055-0000-3080
LC/UPC	12-port	055-0000-5010

Note: Panel patch capacity increases with use of 8-port or 12-port (LC) patch plates. Splice trays are included with each panel. See [Telect.com](http://Telect.com) for patch cords, accessories and additional items.