

**PURPOSE-BUILT**

Data Center Solutions

Let us find the solution that uniquely fits you.



Your industry isn't like others, and neither are the demands placed on your data center. Fully-optimized data storage and processing that complies with standards is the first step in managing your network and facilities.

To manage the complexity of day-to-day operations, you need a supplier focused on more than providing products – you need a supplier committed to solving problems in a timeframe that meets yours.

SEL understands your focus on the purpose of your organization and has partnered with small and medium network owners to develop Network Solutions: next-generation thinking solutions and products that focus on usability, security, scalability, and the continuity of your infrastructure.

Designed with your needs in mind.

Supporting You at Every Step

- Network infrastructure expertise
- Technical consultation and support
- Customer-tailored innovations and solutions
- US & global manufacturing and supply chains
- Product warranties
- Commitment to quality

**Wide range of density****Scalable and modular components****Proven preterminated solutions****Innovative infrastructure
management tools****Single-source end-to-end supplier**



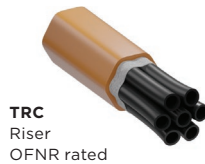
Purpose-Built Use Case

A campus data center manager has been assigned the responsibility of setting up a network that is adaptable, secure, and capable of meeting future needs without relying heavily on expensive dark fiber in areas that might not require high bandwidth later on. It's essential to have separate physical network divisions so that any new infrastructure added in the future will cause minimal interruption to the campus and no disruption to the network.

The Solution: FutureFlex® Air-Blown Fiber® Key Components

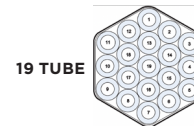
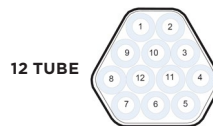
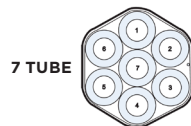
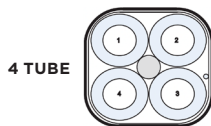
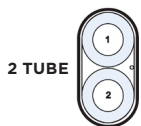
Tube Cable Pathway & Distribution Boxes (TDU)

1. SELECT THE TYPE OF TUBE CABLE



TOX-2
Outdoor
Direct Bury

2. SELECT THE TUBE COUNT

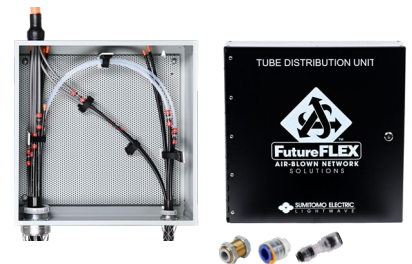


3. CREATE AN END-TO-END TUBE CABLE PATHWAY

With TDU customer can

- Easy transition
- Interconnect route
- Route and re-route

Note: NO fusion splicing is needed for transitioning in the TDU from one rated environment to another.



Fiber Bundle & Termination

4. SELECT A FIBER BUNDLE TYPE

Available in 6, 12, 24, 48, 72 strand counts



**SINGLE-MODE
OM1**



**62.5UM MULTI-MODE
OM1**



**50UM MULTI-MODE
OM2**

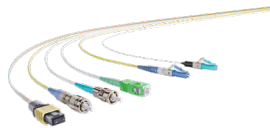


**LASER OPTIMIZED
MULTI-MODE 50UM
OM3 & OM4**

5. SELECT TERMINATION EQUIPMENT



6. CONNECT



Tools



Splicers

- Mass fusion or single strand
- Light and compact frame
- Improved alignment with NanoTune™ technology



Blowing Equipment & Accessories

- System consists of a payoff stand on which reels of fiber bundles are placed; a blowing head used to direct the fiber bundles; a pressure regulator and air source
- Fiber bundles are blown at rates up to 150 feet per minute

How are fiber bundles installed?

Blowing equipment & accessories are required to properly install the fiber bundle through the tube cable pathway.

Blowing equipment is rented by a licensed installer or licensed end user for installing the fiber bundle.

