SUMITOMO ELECTRIC LIGHTWAVE

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

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

Tube Cable Pathway & Distribution Boxes (TDU)

1. SELECT THE TYPE OF TUBE CABLE
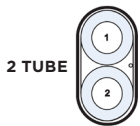

TP2
Plenum
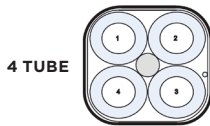OFNR Rated

TRC
Riser
OFNR rated

MSOS
Outdoor
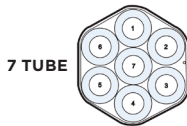Special Installation

TOX
Outdoor
Normal OSP

TOX-2
Outdoor
Direct Bury

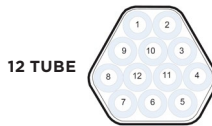### 2. SELECT THE TUBE COUNT
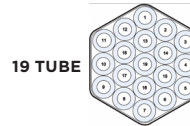

2 TUBE **4 TUBE** **7 TUBE** **12 TUBE** **19 TUBE** **24 TUBE**
TRC and TOX,
non-armored
TC only

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.