

Data Center Solutions

Let us find the solution that uniquely fits you.



While your enterprise data center may be smaller than others, Sumitomo Electric Lightwave recognizes that all data centers have similar needs. For example, you require a robust and flexible infrastructure that adapts and grows with minimum downtime and an emphasis on usability.

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 problem solving in a timeframe that meets your own.

SEL has partnered with small- and medium-sized network owners to develop next-generation solutions and products. These solutions and products 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

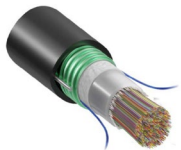


Enterprise Use Case

A data center manager for a local manufacturer needs to pull a 432-fiber armored cable through a harsh deployment environment. Installation time and labor costs must be managed in addition to minimum downtime and network integrity.

The Solution: Key Components

OUTSIDE PLANT



Freeform Ribbon® Outdoor/Indoor LSHF OFCR Steel Armored Ribbon Cable

- Up to 1,728-f
- 12-f, splice-ready ribbon groupings
- Robust in harsh installation environments



TN 5,184 Optical Closure

- Fiber capacity of 5,184-f (24 Trays)
- Durability & environmental rating of IP68

INSIDE PLANT | PRODUCTS NEEDED DEPEND ON DESIRED DEPLOYMENT SPEED



Same-Day Deployment

PRE-TERMINATED/PRE-STUBBED

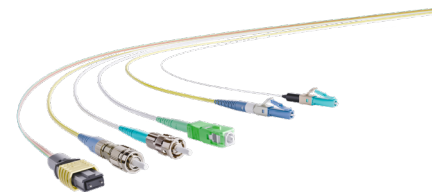
Factory assembled and tested, our Pre-Terminated/Pre-Stubbed Patch Panels provide an additional level of customization above the pre-terminated patch panels by allowing the customer to have an entire cable stub factory installed, providing for additional customer efficiencies, improving quality, and reducing the amount of splicing within the link. Pre-Stubbed patch panel solutions allow the customer to specify the cable type, fiber type, fiber quantity, panel connector type, and panel size.



Multiday Deployment

PRE-TERMINATED

Factory assembled and tested, our Pre-Terminated products provide a simplified way to meet network interconnect needs while improving quality, saving labor costs, and reducing installation time. Shipped ready for installation, these solutions allow the customer to specify the fiber type, fiber quantity, panel connector type, and panel size, making them an ideal choice wherever interconnects are needed. Available as LGX, HD, and SWK™ Series.



Week Plus Deployment

FIELD TERMINATED

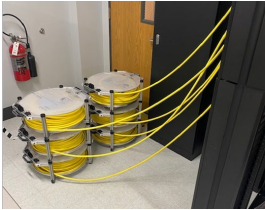
On-site field terminations and exact-length cable builds offer the greatest flexibility and possibility for customization within your network infrastructure, enabling real-time moves, adds and changes, repairs, and restoration for minimal downtime. Centered around the Lynx-CustomFit™ line of Splice-On Connectors, these builds allow quick, easy, and reliable customized terminations without the shorts, excess slack, or the logistic delays of preterminated cables.



DEPLOYMENT TOOLS

Splicers

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



Cable/Assembly Spool Payoff Tool

- Up to 8 spools at a time (6 shown)
- 4½ to 10-in coil ID & 6 ¼-in coil height
- Max. cable length of 2,518-m/8,262-ft (in case of 3.0-mm OD cable)



Cable Assembly Hand-held Payoff Tool

- Up to 12 jumpers at time
- Applicable to for Duplex ULC connector assemblies
- Max. jumper length of 40-m