

Data Center Solutions

Let us find the solution that uniquely fits you.



Whether you rent to one customer or thousands, SEL understands that your data center requires the ability to host and store the ever-growing data demands of your tenants. You also need to securely connect them to service providers at a minimal cost. Our data center experts will assist you in creating or expanding a scalable and modular infrastructure that can be deployed quickly to maintain your service-level agreements.

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.

Sumitomo Electric has partnered with some of the biggest names in the industry to develop Ultra-High-Density Network Solutions: next-generation thinking solutions and products that focus on 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



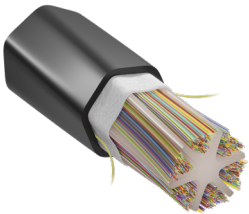
Single source end-to-end supplier



Multitenant Use Case

A Data Center Manager for an established financial services hosting provider, is interested in deploying 3x 1,728 ribbon cables today with an option to bring in more fibers as customers come in. Most importantly, he needs to maintain the location's customer SLA's in tact keeping a close eye on "latency" neutrality among its tenants; exact length will be a must.

The Solution: Key Components



OUTSIDE PLANT

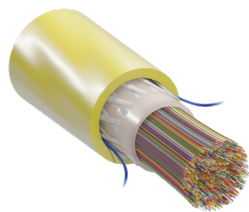
Freeform Ribbon® Conventional OSP Slotted Core Cables

- Up to 1,728-f
- All-dielectric design (no grounding)
- 12-f, splice ready ribbon groupings
- Patented Pliable FreeForm Ribbon® Fiber



TN 5,184 Optical Closure

- Fiber Capacity of 5,184-f (24 Trays)
- Durability & Environmental Rating of IP68



INSIDE PLANT

Freeform Ribbon® Central Tube Cables

- Up to 1728-f
- Available as I/O, Indoor, Riser, LSHF Riser, Plenum, (and Armored)
- 12-f, splice ready ribbon groupings
- Patented Pliable FreeForm Ribbon® Fiber



Cable Assemblies

- Available in "exact-length" configurations
- Variations include I/O, Indoor, Armored, Riser, Plenum, LSZH, and No Jacket
- Available in Simplex, Duplex, Interconnect, and trunk configurations



INSIDE PLANT

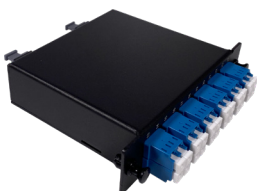
Vertical Hyperscale eXchange (3K-V-HSX)

- Fiber Capacity of 3456f (8 x 432f Trays)
- Wall-Mountable
- Compact Size



PrecisionFlex® Empty Patch Panels

- 1RU, 2RU, 3RU, 4RU
- LGX & HD Options



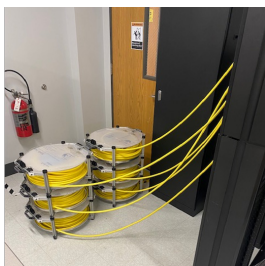
PrecisionFlex® LGX Splice Cassettes: Exact-Length

- Up to 3 MPO/MTP input ports and 24 LC Duplex outputs
- Available in a range of configurations
- Factory assembled and tested



PrecisionFlex® FOX Splice Cassettes

- LGX footprint splice cassette 24 LC Duplex outputs
- Removable mounting flanges/ears (for front or back installation)
- Factory assembled and tested



DEPLOYMENT TOOLS

Cable/Assembly Spool Payoff Tool

- Up-to 8 spools at time (6 shown)
- 4½ to 10 inch coil ID & 6¼ coil height
- Max. cable length of 2,518m/8,262ft (in case of 3.0mm 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 meters



SEL's cloud-enabled network infrastructure management tool for the administration and management of buildings and assets through an integrated and modular cable planning and management system.