Solutions for all Data Centers

HYPERSCALE SOLUTIONS

The ever-increasing demand for cloud services and subsequent need to store and process massive amounts of data have pushed your hyperscale data center into a never-ending pursuit of robust and rapid network deployments. Coupled with a renewed emphasis on reducing system latency, you have a lot to analyze, manage, and plan.

MULTI-TENANT SOLUTIONS

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.

ENTERPRISE SOLUTIONS

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

PURPOSE-BUILT SOLUTIONS

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. SEL understands your focus on the purpose of your organization.

Network planners, designers, and integrators require suppliers that provide products and solutions up to the task of the evolving data center market.

A LEADING FORCE IN INFORMATION AND COMMUNICATIONS TECHNOLOGY

Sumitomo Electric Lightwave (SEL) is a subsidiary of Sumitomo Electric Industries, Ltd. (SEI), a global corporate group founded in 1897, comprised of 395 subsidiaries, affiliates, and over 270,000 employees in 40 countries around the world. Together, they are recognized as a leading-edge force advancing information and communications technology through decades of pioneering industry-changing and customer-focused innovations and solutions that continue to shape today and tomorrow's optical fiber networks.

We are the only optical fiber and cable manufacture on the Fortune Global 500 list.

SUMITOMO ELECTRIC LIGHTWAVE

SUMITOMO ELECTRIC LIGHTWAVE

DATA CENTER SOLUTIONS

UNIQUE TO YOU

One Solution Never Fits All

NEXT GENERATION THINKING™

Data Center Solutions
Unique to You

Data center industry trends, technology advancements, and the demands of your customers are enough to keep you busy. To manage the ever-growing complexity of day-to-day operations, you need a supplier focused on much more than providing products – you need a supplier committed to solving problems in a timeframe that meets yours.

Sumitomo Electric Lightwave (SEL) will analyze your network and design a solution unique to you. Our experts will focus on your data center's maintenance, growth, and expansion.

With solutions using standard or custom products, SEL offers a support system of data center experts with the knowledge and stability of a multi-national, industry-leading company.
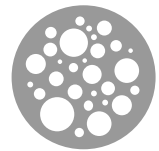
SEL understands one solution never fits all. Let us find a solution that uniquely fits you.

Designed with Your
Needs in Mind

SEL has partnered with the biggest names in the industry to develop next-generation thinking solutions and products. SEL will help you meet industry standards while maximizing individual storage and processing requirements. Our designs provide security, scalability, and continuity of infrastructure, incorporating user-friendly functionality and future-ready flexibility.
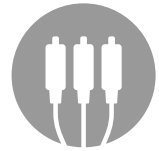
SOLUTIONS ADVANTAGES AND FEATURES

Wide range of density

- Up to 144 fibers in a single-rack space unit
- Up to 6912 fibers in a 1.5 inch duct
- Up to 144 terminations in a single connector

Scalable and modular components

- As-you-grow capacity
- Application-specific integration into a common platform
- Splicing and connectorization

Proven preterminated solutions

- Reduced installation time and cost
- Simplified infrastructure inventory and ordering
- Purpose-built components - Exact-length cable assemblies

Single source end-to-end supplier

- Fiber
- Infrastructure products (cables, connectivity, hardware)
- Splicers

Innovative infrastructure management tools

- Bring clarity to cable networks
- Combine the power of CAD software with a database
- Plan, manage, and visualize assets and connections

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