

# Sumitomo

## Corporate Profile

**TAILORING FIBER OPTIC**

I N N O V A T I O N S



# Tailoring Your Fiber Optic Network

## Sumitomo...

### Expanding your Competitive Edge

Sumitomo Electric Lightwave, located in Research Triangle Park, NC, is a company within the global network of Sumitomo Electric Industries, Ltd. (SEI). With over 130,000 employees and approximately 20 billion dollars in revenue, SEI's worldwide business network spans throughout Asia, Africa, Europe, North, Central, and South America.

Established in 1897, SEI has become one of the world's leading edge forces in the R&D and manufacturing of fiber optic cables, ribbon fiber solutions, interconnect and fiber management systems, electro-optic components, fiber-to-the-premises, fiber-to-the-desk, and FTTX innovations for the advancement of communications worldwide.

As part of SEI, Sumitomo Electric Lightwave draws not only on its own outstanding R&D, resources, and expertise, but on the vast Sumitomo consolidation to address the growing demand for new and better technology. Dedicated to bringing cost effective

## Optical Cable



Sumitomo Electric Lightwave has long been known for introducing the first and best peelable ribbon cable, bend-insensitive drop cables, and other first-to-market innovations to the North American market. By incorporating Sumitomo's own superior quality zero water peak single-mode and non-zero dispersion shifted fibers—*PureBand*, *PureMetro*, *PureGuide* and *PureAccess*—we assure that your needs are met over the entire terrestrial network.

Cables are available in a wide range of ribbon, loose tube, riser, indoor-outdoor, and FTTx cable designs with varying configurations and fiber counts from 1 to 864 to meet your specific network applications. These first-to-market cable designs include:

- DriTube®, 100% gel-free OSP ribbon cable
- PureDri™ Loose Tube 100% gel-free cable
- PureRibbon™ Hostile Environment cable
- PureRibbon Riser cables for premises networks
- Ribbon cables featuring Sumitomo's exclusive Easy Split & Peel technology

## FTTx, MDU, & Data Center Solutions



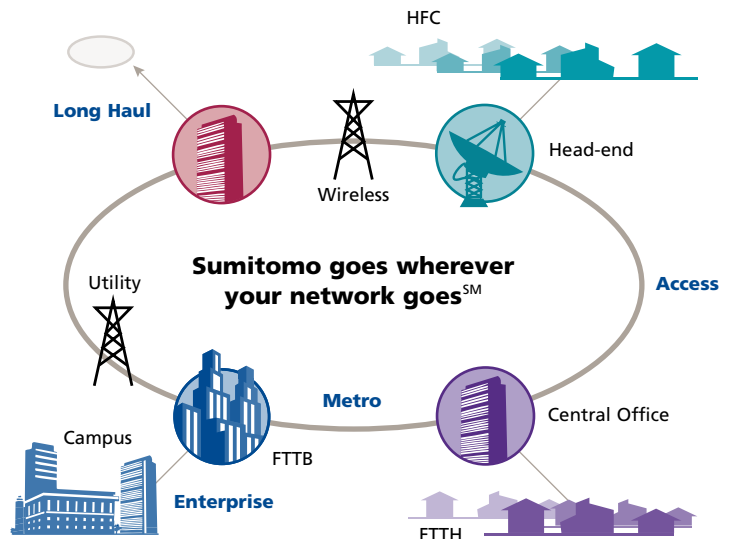
Having been the first company to introduce FTTx ribbon drop cables, flat locatable service drop cables, and the Lynx2 CustomFit® Splice-on Connector for unsurpassed customized field termination, Sumitomo provides the industry with flexible, cost effective, and robust solutions that ensure the highest reliability for premises, multiple dwelling units (MDUs), data centers, and FTTx applications. Some of the many solutions offered include:

- Broad array of All-Purpose, Indoor-Outdoor, Ribbon, Locatable, and other service drop cables
- Choice of PureBand® zero water peak or PureAccess® bend-insensitive drop cables for tighter routing
- DriCore® Armorlux™ Extra, providing extra versatility plus much more for both distribution and drop cable applications
- TomCat® Handheld FTTx fusion splicers, Lynx2 CustomFit® Splice-on Connector in SC, LC, and FC connector types, and other termination solutions
- Splitters and other passive optical components

The list of products summarized represent only a portion of Sumitomo's full product line offerings. For more comprehensive information, please visit [www.sumitomoelectric.com](http://www.sumitomoelectric.com), email: [info@sumitomoelectric.com](mailto:info@sumitomoelectric.com) or call 800-358-7378.

technology to all facets of the network, our solutions facilitate quick project turn-around and faster time to revenue...giving our customers a competitive advantage in first-to-market innovations in the telecommunications, CATV, OEM, and enterprise markets.

And...it's our ability and willingness to "tailor" the right network solution for you that set us apart from other fiber optic manufacturers...giving you the competitive edge in the migration to an all-optical network.



## Fusion Splicing Technology & Service

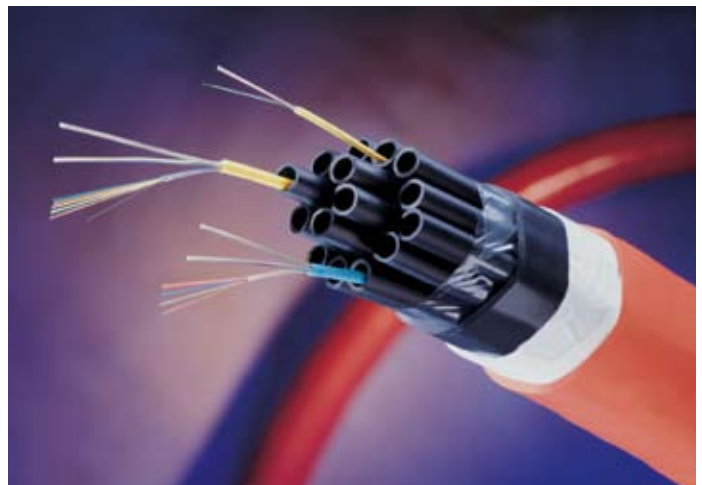


As the first to manufacture and introduce the mass fusion splicer; the industry's first patent-pending, dual-heater splicers; splice protection heat shrink sleeve; jacket remover; and cross-compatible splice-on connector to the U.S., Sumitomo is the recognized leader in the innovation of high-quality fusion splicing equipment and accessories. All splicers are built to last with features that facilitate accuracy, consistent performance, and reliability.

Moreover, our ON-TIME Technical Center is noted as the best service facility in the industry, where you receive unprecedented fast, quality service on equipment, such as:

- FastCat® Type-39 Dual-Heater, Core-Alignment Splicer
- TuffCat® Type-66 Dual-Heater Mass Fusion Splicer for multi-fiber splicing
- TomCat® Type-25e Handheld Splicers for FTTH/FTTP applications
- Various precision cleavers, including handheld models
- Jacket removers, shrink sleeves, and other quality accessories

## FutureFLEX® Air-Blown Fiber® Infrastructure



FutureFLEX is the most advanced fiber optic infrastructure for the enterprise network. The Pentagon, ESPN, CNN, Yale University, Johns Hopkins University, Con Edison, ConocoPhillips, Vancouver International Airport, Mayo Clinic, and others have discovered that the overwhelming benefits of FutureFLEX over conventional fiber optic cabling methods make it the most advanced solution for the LAN. Visit [www.futureflex.com](http://www.futureflex.com).

- Eliminates or reduces significantly the high cost of conduit and innerduct, and the installation of new conduit
- Provides virtually unlimited fiber, bandwidth, and pathway capacity
- Offers immediate scalability and bandwidth by quickly and easily blowing fiber — in minutes — only when and where you need it, even in highly secure and limited access areas
- Features environmentally green benefits for a continuously renewable and sustainable fiber optic network
- Saves 70-90% of the time and labor costs for non-disruptive fiber installations, network expansions, reconfigurations, and upgrades

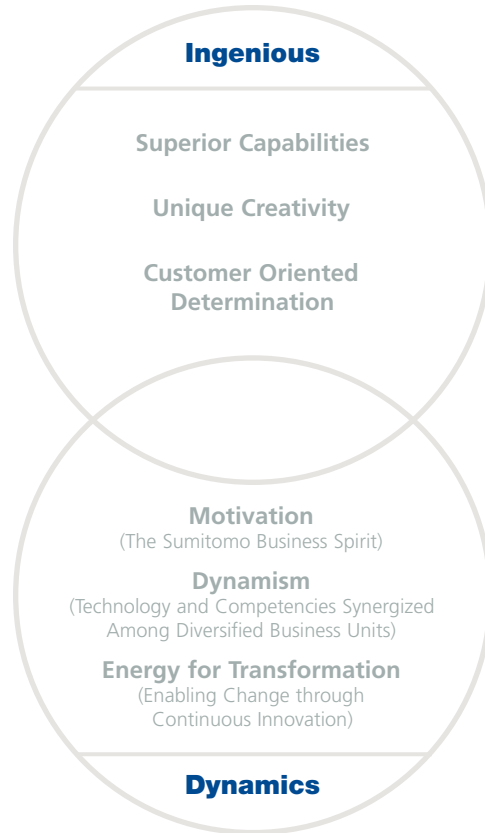
# Our Customer Commitment

## Sumitomo...

**Advancing the Information and Communications Industry—and Our Customers—Through Ingenious Dynamics**

Ingenious Dynamics is a set of business principles to which each company of Sumitomo Electric Industries (SEI) adheres. Each company combines its unsurpassed creativity with knowledge and experience to generate dynamics empowering the group's contribution to society and the people it serves.

These principles guide Sumitomo Electric Lightwave and other Sumitomo companies in a unified dedication to excellence, ethical business practices, continuous innovation, and customer focus...the driving forces that enable our ongoing contribution to the advancement of technology, society, and the profitability & success of our customers.



## Contacts

Our outstanding technical support and customer service personnel look forward to assisting you.

### **Sumitomo Electric Lightwave Corp.**

78 Alexander Drive  
Research Triangle Park, NC 27709

**Toll-free: (800) 358-7378**

**Tel: (919) 541-8100**

**Fax: (919) 541-8265**

**E-mail: [info@sumitomoelectric.com](mailto:info@sumitomoelectric.com)**

**Website: [www.sumitomoelectric.com](http://www.sumitomoelectric.com)**

TL 9000 certification of its manufacturing facilities and Telcordia, RUS, and ICEA compliance are just the beginning of the high standards to which Sumitomo adheres. The promise to exceed its customers' expectations of quality has been ingrained as a tradition within the Sumitomo corporate culture and manufacturing process for over 100 years...ensuring that our customers receive only the best products, solutions, and service as our contribution to their future stability and success.



*The quality system of the RTP facility has been registered by UL to the ISO 9000 Series Standards File# A14547*



**SUMITOMO ELECTRIC**  
**L I G H T W A V E**

© 2010 Sumitomo Electric Lightwave Corp.  
(Member of Sumitomo Electric Industries, Ltd. Corp.)  
All rights reserved. Printed in U.S.A.