

Always With Our Customers

TURN ON THE WORLD
LEADING SOLUTION
LEADING SOLUTION



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Leading Solution

LG Cable, LG Industrial Systems and LG-Nikko Copper, Gaon Cable, E1 and Kukdong City Gas are starting with a new name, *Leading Solution*, LS.

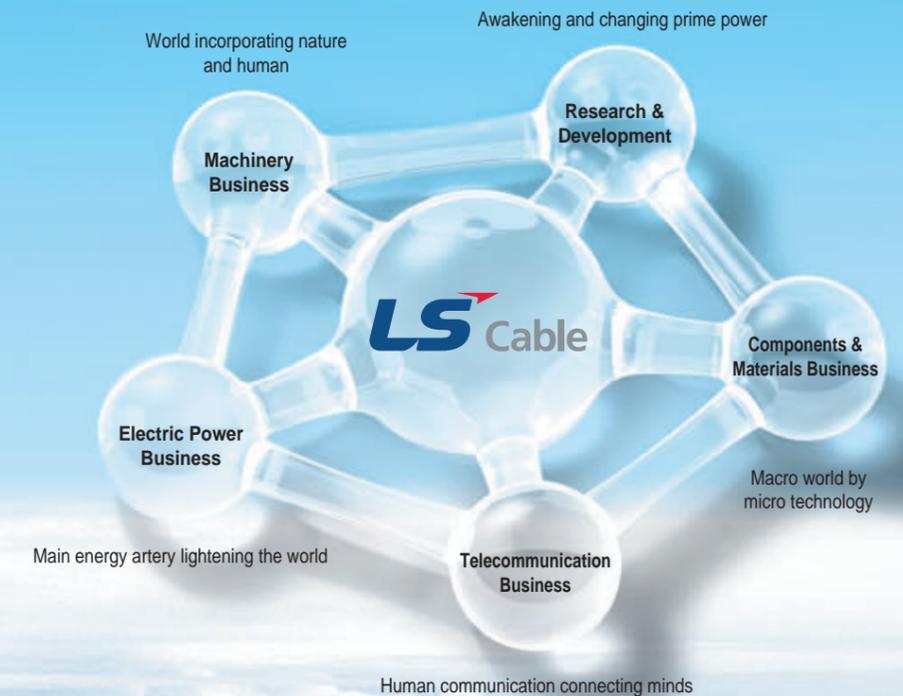
New Dream, New Start

To become a leader in the competitive global market, LG has been divided into three groups, electronics and chemicals for LG, energy and distribution for GS, Industrial electric · electronics and material for LS based on their business specialties.

LS' main companies, such as LS cable, LS industrial systems, LS-Nikko copper, Gaon cable, E1 and Kukdong City gas, are ranked as No.1 in their respective industry. However, LS won't just sit back, satisfied with being the best in Korea. We will pave the way for becoming the world's best in Industrial electric · electronics and material industry with the new CI, LS.

Your good partner LG Cable is making a fresh start as LS Cable

LS Cable is No. 1 cable maker in Korea and its business fields are telecommunication, electric power, components & materials and machinery. Also, LS Cable is creating new businesses particularly in component and materials industry. LS Cable makes its best to accomplish the vision, 'Your No.1 Creative Partner' and be one of the world leaders with high technology and best level of service.





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Walking towards the future with our customers

LS Cable provides its customers with the best products and the highest level of service.

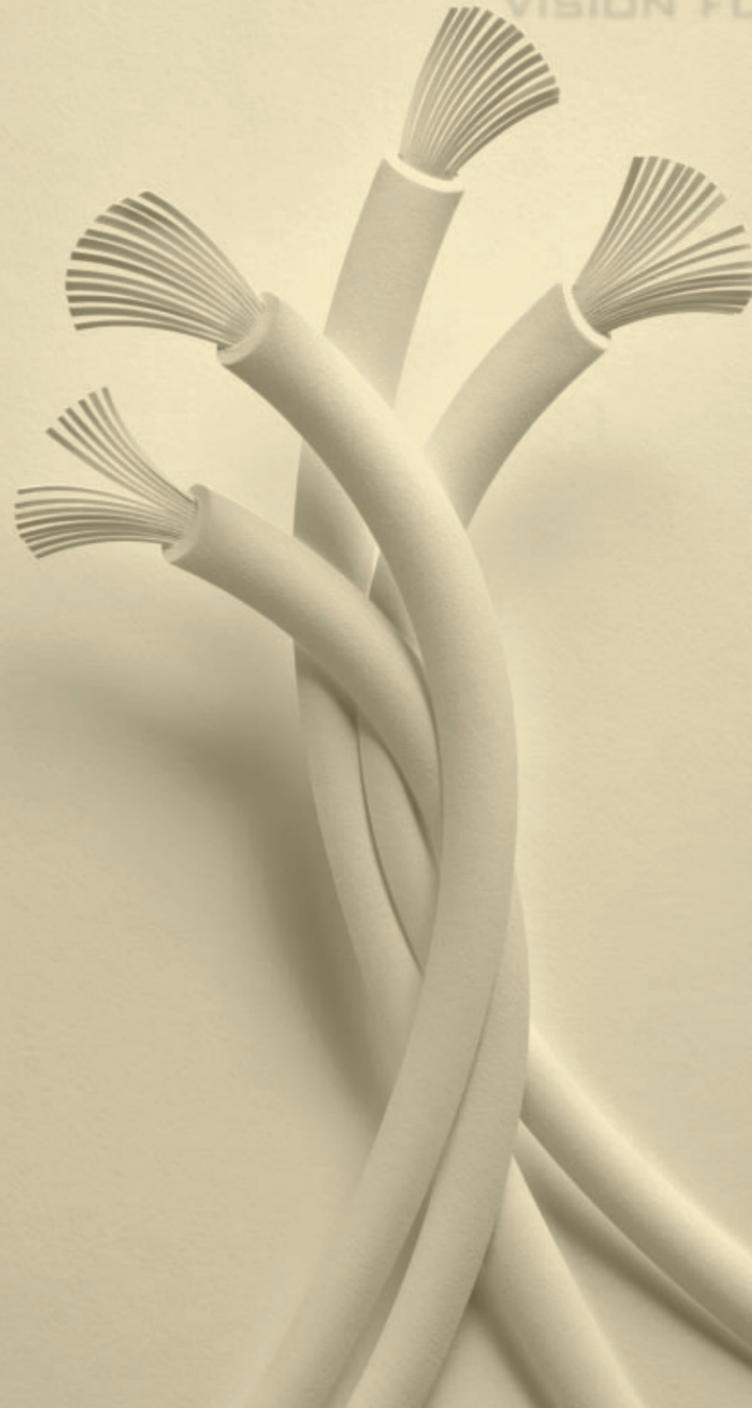
LS Cable is a faithful partner, and we share in the joy and success of our customers.

We earn the trust and admiration of our customers through constant innovation and self-improvement.

LS Cable remains committed to a steadfast partnership with our customers.

VISION FOR THE NEW WORLD

VISION FOR THE NEW WORLD



On September 1, 2004, LS Cable announced its new vision: Your No. 1 Creative Partner. The company has been revamped to respond effectively to the current management environment. LS Cable's new and ambitious objective is to become one of the world's finest companies.

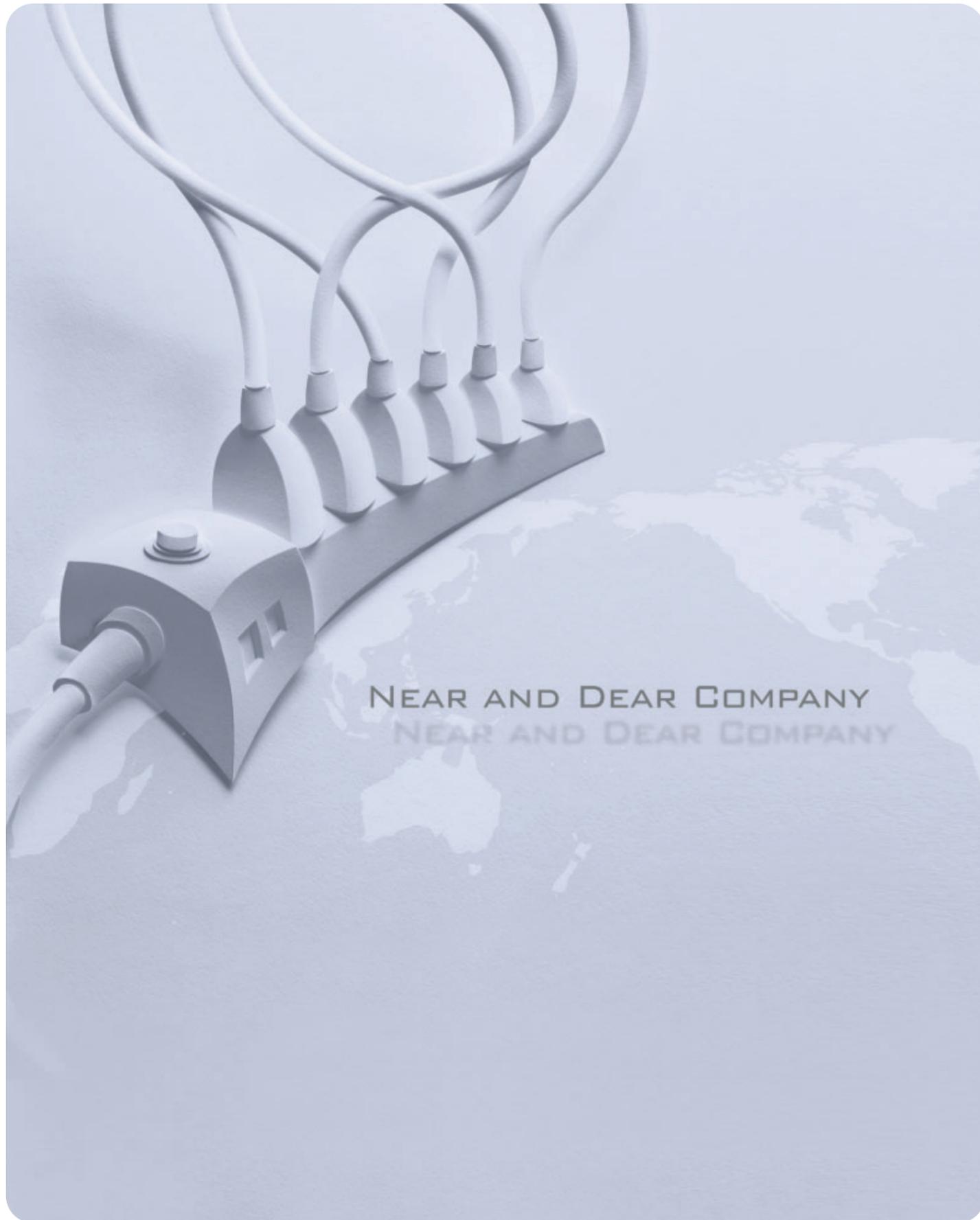
To this end, LS Cable will focus on a set of core concepts: Market Intelligence, Technology, and Creative Executor. Market Intelligence is a concept the company will employ to satisfy its clients through an understanding of the market and the needs of customers. Technology will optimize production efficiency and allow the company to respond to the product and service demands of the market. Creative Executive is an individual who will understand and practice effective decision-making and conflict resolution.

The core values of LS Cable's management are: Integrity, Openness, Logical Stretching, Consistent Innovation, Fairness. These core values are a promise to our customers that, as a leading company in our field, we will do our best to fulfill our social responsibilities and obligations. LS Cable will progress into a world-class company through its internal performance-based compensation system and by challenging the market with open mind.

Your No. 1 Creative Partner

The vision of LS Cable will be realized through a series of step-by-step objectives, starting with a foundation for growth, creating a differentiated market value, and making the leap into a global 1st-tier company. The company plans to meet its 2007 goal by making bold R&D investments and human resource developments in order to secure growth potential, and to discover and develop new business opportunities in industries with the possibility of high growth and profitability. In addition, LS Cable will optimize its business structure and develop its overseas business ventures to build a foundation for expansion. In 2008 and 2009, selective diversification, based on growing industries, will become the company's focus, and overseas businesses will generate a differentiated market value. In doing so, LS Cable will have a firm standing based on its strong, worldwide growth base by 2012, as an international 1st tier company.

In addition, by understanding the demands of the market and innovations in technology, we will provide timely and valuable products for our customers. This strategy will secure a competitive edge in the global market and, along with our global management structure, will support in transforming LS Cable into one of the leading company in the world.



LS Cable provides customers with products and services that make life more convenient. Our information and energy delivery system is prompt and accurate, and our products include both optical and electronic parts.

We research and develop environmentally friendly and resource-conscious products, in order to protect the environment, the people, and wildlife that live in it.

LS Cable strives to provide the highest possible return for all investors. LS Cable appreciates the encouragement and risks of its investors, and will endeavor to generate profits that will reward their investments. We also hope to repay our investors by increasing our stock value and income through constant exploration of new business potential.

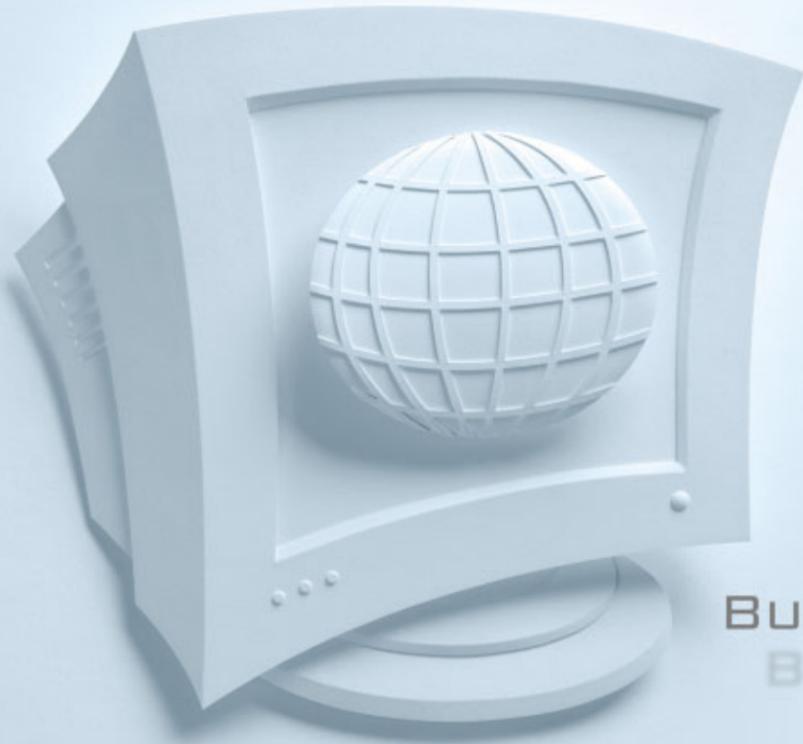
Our Promise to all customers, investors, and employees

"Your No.1 Creative partner" is LS Cable's promise to become a world-premier corporation. LS Cable strives to increase the value of life for its customers by providing better products and services.

LS Cable provides its employees with both a source of income and a sense of accomplishment and pride.

The company firmly believes that its future depends on human resources, and we invest substantially in hiring and developing both capable and diverse employees, who we compensate fairly. Furthermore, in our creative and organized company culture our employees are permitted to select individualized opportunities to pursue self-improvement and growth. We go out of our way to ensure that every member of our team is supported as they strive toward their goals, and we make every effort to encourage honor and success.

Your No.1 Creative Partner: this is the commitment of all LS Cable executives and employees, and it's a commitment that will make us the world's best company. LS Cable meets its personal commitment to society through its diverse social contributions, providing advanced technology and services for the benefit of people everywhere. LS Cable is dedicated to fulfilling the dreams of humanity, not simply of profits. LS Cable will continue to put its customers first, doing its part to work towards a future full of hope.



BUSINESS FIELDS BUSINESS FIELDS

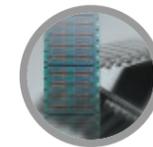
The business fields of LS Cable are electric power, telecommunication, components and materials, and machinery. The business fields that LS Cable is involved include the technical power, the passion, and the pride of making the best. Therefore, LS Cable will become the technical partner that the world people look for first. How about meeting the world of new technologies that LS Cable opens now?



Electric power



Telecommunication



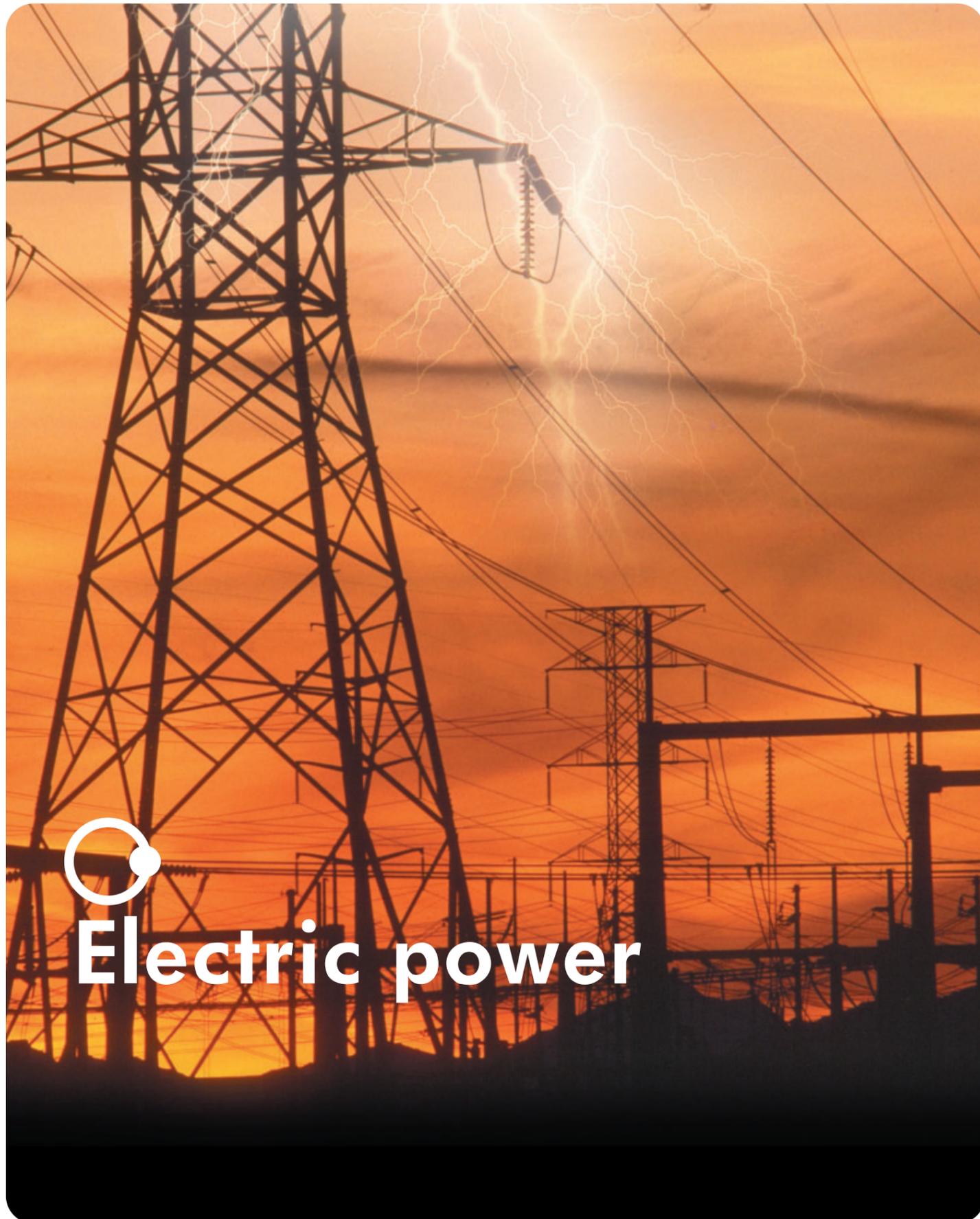
Components And Materials



Machinery



Research And Development



Making the world bright through the transmission of energy and light

LS Cable delivers energy to dark and immobile places. It brightens the world and makes the human life rich by giving and transmitting energy safely and stably. LS Cable visits every corner of the world that needs light and energy through the technology of protecting the environment and the human life, and of saving the resources, transcending the national borders and mankind.

LS Cable has the technology and highly advanced manufacturing facilities of the world level in constructing the energy super-highway network that transmits stable and strong energy. With the equipment of them, it produces various energy cables and also provides total solution covering the energy transmission system and power construction works.

First in Korea, LS Cable has started the era of ultra-high voltage underground transmission line by developing ultra-high voltage cable of 154kV XLPE and the jointing materials. It has developed and supplied the ultra-high voltage cable transmission system of 345kV XLPE and transmission line monitoring system, so it has obtained the certification for the 400kV class cable and the closure accessory from KEMA which is the world top certification institute in the field of ultra high voltage through 1-year tests on the type and reliability. In the field of overhead transmission line, LS Cable's STACIR and OPGW have had superior competition in the world market based on their high trust and technology. Especially, the new technology, "live line installation method" is getting compliments from overseas customers. LS Cable is also actively working on the construction of infrastructures in every corner of the world like China, India, the Middle East, South East Asia, South America, Oceania, Africa, etc.

In the field of distribution line, **LS Cable** has also obtained the leading part in the world market by supplying 22.9kV CN/CV cable, nontoxic fire resistance cables, cables for nuclear power plants, wires for marine and offshore, wires for motors, and any other special use of cables and wires centering around UL3239 which has taken 40% share of the world market in the field of the wires for electronic appliances and tools, LS cable is exerting itself for developing new products and diversifying the product line, keeping with the development of the electronic industry.

Products

- XLPE Power Cable up to 400kV • OF Cable up to 500kV • Monitoring System for Transmission Lines • ACSR up to 765kV
- OPGW • Thermal Resistant Aluminum Electric Conductor (TACSR, HI-TACSR, STACIR) • Rubber Insulated Cable
- PVC Insulated Cable • Halogen-Free Cable • Flame-Retardant Cable • Shipboard Cable / Offshore Cable • Nuclear Power Plant Cable • Control & Instrumentation Cable • Busduct System • Electronic Wire & Cable (UL-enlisted Wire, High Voltage Cable) • Automotive Rubber Hose & Assembly





Telecommunication



LS cable makes light connect the world into one

The optical communication business of **LS Cable** that groups the whole world into one is exerting itself for constructing the network for optical communication covering from information super highway to home (fiber to the home). In order for all human beings to send their messages lively and for unlimited information to be delivered to all the people fast and exactly, the information transmission technology of LS Cable is making contribution to perfect communication of all the people in the world.

LS Cable produces various optical cables and optical fibers of single and multi mode. LS Cable's technology has been recognized in the world market as it has obtained the quality certifications of TL9000R3.0 and Telcodia, which are the world top authorities in the optical business field in the world.

Having good response from the worldwide renowned communication companies in North America that is the largest market in the opto-communication business and in Europe, LS Cable is positioning itself as the global player in the field of opto-communication business.

It has recently developed PMD (Polarization Mode Dispersion) optical fiber that can remarkably increase the communication capacity, which can transmit 40Gb per second, and which can accept multi-channel optical signal of high density. Therefore, now it can produce the world top product with 0.03ps PMD, which is superior to 0.05ps of the present world.

In addition, it has developed extra-large optical fiber **preform**, which can produce optical fiber of 660km so now it gets to have the production technology which is the world level in the field of optical fiber. LS Cable has also developed and supplied other products: Central Cable to be used for access network which is now on explosive expansion, optical composite coaxial cable and Optical cable for Gb Ethernet which can increase to 10Gbps the speed of the existing Ethernet network connecting the base and the subscribers. In order to make the world connect with the light faster than ever, LS Cable has embarked on the development of extra-large 1000 fkm preform and through various products suitable for the business environment, LS Cable visits the customers in the world.

Products

• Preform : Single, Multi Mode • Optical Fiber : Single, Multi Mode, Ultra- low PMD, Metro fiber • Optical Fiber Cables : Loose Tubes, Ribbon Tubes, Micro-Sheath Type, Composite Type, Central Tube Typ (Aerial, Duct, Direct Buried, Indoor, Underwater, Undercarpet Cable) • Optical Accessories & Apparatus (Optical Transmitter & Receiver Modules, Couplers, Connectors, Adapters, Attenuators, Jumper Cords, Patch Cords, DWDM, CWDM) • Wireless Transmission System • Coaxial Cable • UTP Cable



Components And Materials

Making the larger world with the more precise technology

The business field of components and materials of **LS Cable** is making smaller and lighter products with the mind for customers and the highly advanced technology, and then, is making the more convenient and larger world. As a small components changes the world, the components of LS Cable become the starting point to develop a new business and heighten the competition. The components are not easily visible, but are necessary and essential to all the systems. LS Cable is changing the world through the components.

LS Cable is producing various components to be used on semiconductors, electronic information tools, LCD and PCB. Leadframe of LOC type which is used in high-integrated package of semiconductors is used for memory and non-memory products, and the leadframe for 64M DRAM is taking the leading part in the major markets of semiconductors. Elastomer Tape which is used as a part and material for μ BGA of next generation package type stands in the spotlight of the semiconductor industry as it is excellent in storage and trust.

The **connector** business of LS Cable is focusing its research and investment on development of high value added products to be used for semiconductor, telecommunication appliances, and LCD. Changing the basic business strategy toward the products for IT, it is proceeding to the development of optical connectors, connectors of high performance and special connectors ACF (Anisotropic Conductive Film) whose business started from 2001 is a conductive film that connects LCD panel and drive circuit chip for LCD for cellular phones or computers. At present, ACF for TFT-LCD and STN is on production. LS Cable is proceeding to the development of ACF for COF (Chip on Film) and COG (Chip on Glass), which are the technologies for the next generation.

For **magnet wire**, continuous technological development and investment into the overseas branches are in progress in order to cultivate the world best products, centering on Litz wire that LS Cable has developed by itself and is taking the leading part in the world monitor market. In the business of copper foil for PCB that LS Cable has started to strengthen the parts business, LS Cable has developed copper foils for ultra-thin and lithium battery, and has a plan to put on the market special copper foil and 5 μ m grade products to be used for the multi-channel printing circuit plate.

For the **aluminum** business, LS Cable concentrates itself on precise extruding material to be used for motor and electronic parts, and on curtain wall. The copper wire rod which is used for electric wires and cables has the world top operating capacity. Through continuous quality improvement, production of rod for ultra thin wire and of aluminum alloy rod is in preparation.

Products

- Connectors (Electronic, Cellular Phone) • Lead Frames • Magnet Wire (single-Coated, Double-Coated, Litz Wire)
- Anisotropic Conductive Film • Opto-Alignment Film • Cholesteric Liquid Crystal Reflectible Polarizing • Polymer Switches
- Elastomer • Copper Foil • Copper Wire Rod • Aluminum Casting Billets • Aluminum Extrusion Products • Curtain Walls
- Rubber Flooring Tile • Antivibration Rubber Products • Heating-Shrinkable Tubing





Machinery

Challenging the limitation of productivity with total solution

LS Cable's technology of machinery starts from customers' safety and beyond it, it challenges the top productivity which is the kernel of mechanism. With the hope that the customers will not only satisfy, but also succeed, LS Cable is strengthening the customers' competitiveness.

The machinery business of LS Cable which has provided the total solution for pleasant environment, advancement of agriculture and the plastic business, is having a great impact on the customers in the world. The products of LS Cable that challenge the limitations of productivity and efficiency with the technology of understanding human beings, will be wonderful partners for the success of customers.

Starting the business of the **injection molding machine** in 1969, LS Cable is exporting various products of 25 through 3000 tones to 40 countries in the world, including the highly advanced equipment of two-platen composite clamping type. The injection molding machine for LCD back light has applied compression molding of new clamping type and the exclusive screw so it has realized perfect injection of resin discoloration. The electromotive injection molding machine that stand in the spotlight of the world market, is recognized by the overseas customers in terms of its performance and quality.

LS Cable has various **air conditioning equipment** like chillers for nuclear power plants, absorptive type, centrifugal type, and air handling equipment. The centrifugal water chiller has solved the problem of depleting the O-zone layer perfectly by using R134a high pressure refrigerant of HFC class whose O-zone layer breading index is "0". It is available up to 1500RT class. The absorption water chiller and heater which uses water as refrigerant is available up to 2000RT class. It is used for not only large building, but also industrial processing, and the small and light model of it is available for various needs of customers.

LS Cable's tractor, which has been developed by LS Cable's own technology, has been assessed as the excellent class in all the fields of performance, convenience and design through long-term performance test. The tractor has obtained competitiveness in the world market by getting the certification of ISO and OECD, and is being exported to the markets of the USA, Europe, Japan and South East Asia. Under the strategy to make the tractor best in the world, LS cable exerts itself for the improvement of quality and performance through continuous technical development and resolute investment. It is recognized as the specialized tractor manufacturer even in the USA market where the worldwide renowned manufacturers are competing.

Products

• Air Conditioning Systems (Absorption Chillers, Centrifugal Water Chillers, Air Handling Units) • Injection Molding Systems (30ton~3000ton) • Tractor/ Combine • Military Defense Equipment • Rubber Flooring Tile • Antivibration Rubber Product





Incubator for success of new business

The R&D of LS Cable is centered on optical telecommunication, ultra high voltage power, components and machinery, and there are four research institutes optical telecommunication research institute, electric wire research institute, power research institute, and machinery research institute. Through the key technology for the main business and development of the key products, LS has obtained competitiveness, and through advanced development of the key parts and materials, it is playing the key role of constructing the future key capacity. LS Cable is putting all of its energy for research into the technologies for optical telecommunication, ultra-high power voltage, insulation material processing, opto-electronics, polymer, and machinery. LS is focusing on giving the new value to the customers through obtaining the world technology and developing new technology.

Advanced R&D Center

- LCD Wires
- High Performance Marine Cables
- Halogen Free Rolling Stock Cables
- ECO Cables

Electronic Components R&D Center

- Electronic Materials Group
- Electronic Components Group

Electric Power R&D Center

- Extra/Ultra-High Voltage Power Cable System
- Insulation Components for Extra/Ultra-High Voltage
- Power Cable Systems for Next Generation
- Information Technology for Power Transmission System

Telecommunication R&D Center

- Optical Fiber
- Optical System
- Optical Components

Machinery R&D Center

- Refrigeration & Air-Conditioning System
- Tractor
- Injection Molding Machine



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Jeongeup Plant

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The world that all the people become one under the name of LS Cable

For the world that all people are together and enjoy convenient and high class of life, LS Cable is working on construction of the information and energy network. Transcending the time and the space beyond the land and the sea, LS Cable will run to any customers whom LS can give some help. In addition, through the overseas production sites and branches, LS will approach the customers.

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LS Cable (Wuxi) Ltd. : Wuxi, China

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