

As one of Japan's leading electric wire manufactures, Hitachi Cable, Ltd. supplies wires and cables used in a diverse fields, from electric power stations to general building construction and industrial applications. We provide products optimally suited to customers by utilizing the technology and abundant experience that we have accumulated since our inception as an electric wire maker. The Industrial Infrastructure Products segment is comprised of following two strategic business units (SBUs): (1) Industrial Systems Products and Power & Energy Businesses and (2) Optical Communication Products.

Net sales in this reportable segment totaled ¥91,372 million and operating losses amounted to ¥208 million. Due to fiscal year unification, segment net sales increased ¥1,506 million, while operating losses fell by ¥69 million.

By SBU, net sales in the Industrial Systems Products and Power & Energy Businesses grew year on year mainly due to recovery-related demand, reflecting the decreased economic impact of the Great East Japan Earthquake. Full-year net sales in Optical Communication Products increased compared with the previous fiscal year following the completion of inventory corrections and a rise in recovery-related demand in the fourth quarter of fiscal 2011. This result occurred in spite of sluggish sales in the second and third quarters caused by a lag in post-disaster reconstruction-related demand. Utilizing technological capabilities and expertise cultivated in the development and manufacturer of wires and cables, Hitachi Cable develops and supplies such products as high-performance magnet wires, micro coaxial cables, power harnesses and brake hoses. Such highly functional products contribute to the realization of size reductions, high performance and energy efficiency in electronic devices and automotive electronics. This segment is composed of three SBUs: Automotive Components, Electronic Products and Magnet Wire Products.

Net sales in this reportable segment totaled ¥164,340 million, while operating income stood at ¥2,405 million. Because of fiscal year standardization, segment net sales and operating income improved by ¥15,075 million and ¥403 million, respectively.

By SBU, Automotive Components recorded higher year-onyear net sales owing to a steady recovery in production among automobile manufacturers from the second quarter of fiscal 2011 onward. Despite such factors as stagnant electronics and semiconductor markets, Electronic Products experienced an increase in net sales compared with the previous fiscal year because of the unification of the fiscal year. Net sales of Magnet Wire Products improved year on year in line with favorable sales for use in automotive electronic components.

## **Overview of Key Products**

- Industrial Systems Products and Power & Energy Businesses: CV cables, OF cables, Fire/heat-resistant cables, flexible cables, wires and cables for rolling stock, trolley wire, etc.
- Optical Communication Products: Fiber optic cables, metal communication cables, etc.



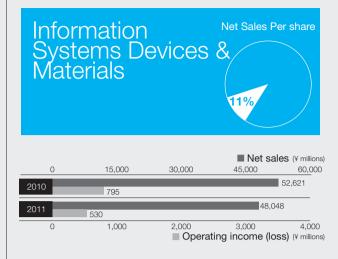
Flame retardant polyflex wires MLFC \*MLFC is a registered trademark of Hitachi Cable, Ltd. in Japan.

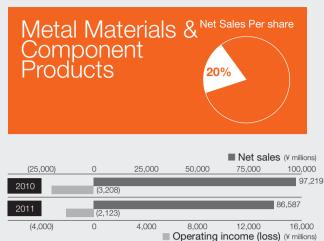
## Overview of Key Products

- Automotive Components: Brake hoses, ABS wheel speed sensors, power harnesses for HEVs, Jam protection pressure sensors, etc.
- Electronic Products: Photovoltaic wires, micro coaxial cables, medical and industrial machinery cables, flexible flat cables (FFC), etc.
- Magnet Wire Products: Enameled wire for high space-factor ratio motors, invester surge enameled wires, spiral shielded wires etc.



Various enameled wires





Taking advantage of its world-leading optoelectronic, high-frequency and wireless technologies, Hitachi Cable provides a variety of products, technologies and solutions that underpin the foundations of today's information society. These include information network devices, mobile phone base stations and digital terrestrial broadcasting antenna systems, all of which are sold to telecommunication carriers. As experts in gallium arsenide (GaAs) compound semiconductors, Hitachi Cable engages in the uniform production of items ranging from substrates to epitaxial wafers. Such products are used in the optical device and electronic device fields. This segment is composed of three SBUs: Information Networks, Wireless Systems and Compound Semiconductor Products.

Net sales in this reportable segment amounted to ¥48,048 million and operating income totaled ¥530 million. Reflecting fiscal year unification, segment net sales increased ¥158 million while operating income decreased ¥20 million.

By SBU, net sales in Information Networks rose year on year, mainly due to demand for facility development among mobile phone telecommunication carriers. Net sales of Wireless Systems fell compared with the previous fiscal year because of an ongoing off-season drop in demand for mobile phone base stations. Net sales of Compound Semiconductor Products declined year on year due to decreased demand for optical devices and heightened competition over alternative materials used in high-frequency devices. Hitachi Cable develops and sells a multitude of products using copper and other metal material processing and alloy-related technologies cultivated through the manufacture of wires and cables. Hitachi Cable provides a lineup of metal materials that precisely meets industrial needs, including copper strips, lead frames and tape automated bonding (TAB) for semiconductors. This segment is composed of four SBUs: Copper Strips, Copper Products, Lead Frames and Package Materials.

Net sales in this reportable segment stood at ¥86,587 million and operating loss amounted to ¥2,123 million. Due to fiscal year standardization, segment net sales and operating loss increased ¥981 million and ¥73 million, respectively.

By SBU, net sales of Copper Strips fell year on year on declining demand for products sold in the electronics and semiconductor markets. Despite stagnant electronics and semiconductor markets, net sales of Lead Frames rose compared with the previous fiscal year thanks to fiscal year standardization. Overall, net sales of Copper Products decreased year on year due to a withdrawal from the domestic copper tube business. This result occurred despite firm net sales of copper and fabricated products used in electrical applications. Net sales of Packaged Materials shrank year on year, reflecting a fall in both memory and special applications.

## **Overview of Key Products**

- Information Networks: Ethernet switches, optical extenders, optical media converters, etc.
- Wireless Systems: Mobile phone base station antennas, terrestrial digital broadcasting antenna systems, high-frequency coaxial cables, etc.
- Compound Semiconductor Products: Gallium arsenide substrates, epitaxial wafers, gallium nitride substrates, etc.



APRESIA Ethernet switches for private and public sector telecommunication carriers

## Overview of Key Products

- Copper Strips: Copper strips for semiconductors, dual-gauge copper strips, rolled copper foils, etc.
- Lead Frames: Discrete lead frames, etc.
- Copper Products: copper products for electric applications, fabricated products, etc.
- Package Materials: TAB, etc.



Copper products for electric applications