# AT A GLANCE

### Related to Transmission Infrastructure



#### Telecommunications

- Optical Fiber and Cable Business Photonics and Network Solutions Business
- **Energy and Industrial Products**

	FY2010	FY2011	FY2012
Net Sales	135.5	149.3	144.5
Operating Income	9.8	9.6	4.1

(Billions of yen)

#### Fiscal 2012 Topics

•Furukawa Industrial S.A. Produtos Electricos (FISA) in Brazil acquired Metrocable Industria e Comércio Ltda, which manufactures and sells optical fiber cables

# Measures in Fiscal 2013

- Establish joint venture in China to produce and sell optical fiber preform (July 2012)
- Build new optical cable plant in Russia (July 2013)

# Major Products



Optical fiber cables, optical fiber cable accessories and installations, optical components, optical semiconductor devices, metal communication cables, electronic appliance wires, network equipment, CATV systems, radio products



(Billions of yen)

FY2010 FY2011 FY2012

208.8 253.0 272.2 Net Sales Operating 3.7 0.9 -0.8 **Income** 

#### Fiscal 2012 Topics

- Riken Electric Wire to establish joint venture in elevator cable business with Hebei Huatong Wires & Cables Group
- Acquired SuperPower, Inc., a U.S. manufacturer of second-generation high-temperature superconducting

# Measures in Fiscal 2013

- Start production at new optical fiber compound overhead ground wires (OPGW) plant at FISA in Brazil (October 2012)
- Establish company integrating three of our electric component companies (October 2012)

# **Major Products**



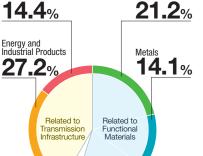
Copper wires, aluminum wires, power transmission cables, power transmission cable accessories and installations, insulated wires, cable conduits, water-feeding pipe materials, foam products, UV tapes for semiconductor manufacturing, electrical insulation tapes, electric material products

Services and Others

3.6%

**Net Sales Ratio** 

Telecommunications



Electronics and Automotive Systems

Light Metals

19.5%

The Furukawa Electric Group is concentrating on business development in two areas: the transmission infrastructure business, for which substantial demand growth is expected in emerging markets, and the functional materials business, a high-value-added sector in which we can leverage the Group's unique advantages in materials.

# **Related to Functional Materials**



### **Electronics and Automotive Systems**

- •Electronics Components Business
- •Magnet Wire Business



	(	Bil	lions	s of	yen)	
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	F12010	F12011	F12012
Net Sales	177.2	209.6	212.0
Operating	7.2	7.8	5.1

#### Fiscal 2012 Topics

- Acquired controlling interest in ChonQing Chang Hua Automobile Harness in China and expand wire harness business
- Acquired Automotive Connector Business from Mitsubishi Cable Industries

#### Measures in Fiscal 2013

 Start production at new wire harness plant in the Philippines (March 2013)

# **Major Products**



Automotive components and wiring harnesses, magnet wires, electronic component materials, heat sinks, hard disc drive (HDD) aluminum blanks, battery products



#### Metals

- Copper Strips Business
- •Copper Pipes Business
- •Copper Foils Business



- 2.2

	(Billions of yen)		
	FY2010	FY2011	FY2012
Net Sales	119.6	152.9	141.6
Operating	-22	3.2	0

3.2

#### Fiscal 2012 Topics

Income

 Revised system for domestic production of copper pipes

# Measures in Fiscal 2013

 Commence production at new plant for electrodeposited copper foil (used in circuits and batteries) in Taiwan (June and August 2012)

# **Major Products**



Wrought copper products (plates, strips, pipes, rods, wires), functionalsurface (plating) products, Electrodeposited copper foils, processed products for electronic parts, superconducting products, special metal materials (shape-memory and superelastic alloys)



# **Light Metals**

- •Aluminum Rolling Business
- •Aluminum Extrusion Business
- •Aluminum Casting, Forging and Other



(Billions of ven)

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	FY2010	FY2011	FY2012
Net Sales	188.1	209.0	195.6
Operating Income	- 0.2	11.5	5.7

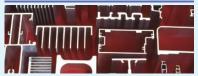
#### Fiscal 2012 Topics

 Furukawa-Sky to invest in ARCO Aluminum of the United States

#### Measures in Fiscal 2013

•Furukawa-Sky to build aluminum rolling mill in Thailand (January 2014)

# **Major Products**



Aluminum plates, extruded aluminum products, castings, forged products, processed light metal products