



Global and China Electronic Cable Assembly Industry Report, 2014

Nov. 2014

STUDY GOAL AND OBJECTIVES

This report provides the industry executives with strategically significant competitor information, analysis, insight and projection on the competitive pattern and key companies in the industry, crucial to the development and implementation of effective business, marketing and R&D programs.

REPORT OBJECTIVES

- ◆ To establish a comprehensive, factual, annually updated and cost-effective information base on market size, competition patterns, market segments, goals and strategies of the leading players in the market, reviews and forecasts.
- ◆ To assist potential market entrants in evaluating prospective acquisition and joint venture candidates.
- ◆ To complement the organizations' internal competitor information gathering efforts with strategic analysis, data interpretation and insight.
- ◆ To suggest for concerned investors in line with the current development of this industry as well as the development tendency.
- ◆ To help company to succeed in a competitive market, and

METHODOLOGY

Both primary and secondary research methodologies were used in preparing this study. Initially, a comprehensive and exhaustive search of the literature on this industry was conducted. These sources included related books and journals, trade literature, marketing literature, other product/promotional literature, annual reports, security analyst reports, and other publications. Subsequently, telephone interviews or email correspondence was conducted with marketing executives etc. Other sources included related magazines, academics, and consulting companies.

INFORMATION SOURCES

The primary information sources include Company Reports, and National Bureau of Statistics of China etc.

Abstract

Global and China Electronic Cable Assembly Industry Report, 2014 contains the following aspects:

- 1, Brief introduction to electronic cable assembly
- 2, Background of electronic cable assembly industry
- 3, Analysis on electronic cable assembly market and industry
- 4, Research on 24 electronic cable assembly companies

Electronic cable assembly is divided into internal and external ones. Internal electronic cable assembly is mostly available in the OEM market, while external electronic cable assembly can be found in OEM and retail markets. According to application, electronic cable assembly falls into data cable assembly, high-speed cable assembly and traditional cable assembly. High-speed cable assembly complies with USB 3.0 / 3.1, HDMI, DisplayPort, MHL, Thunderbolt, HD-SDI, DockPort and SlimPort standards. Traditional cable assembly accords with RF Coaxial, Composite Video, S-Video, Y / Pb / Pr, VGA (D-Sub), DVI, IEEE 1394, BNC, USB 2.0 and Audio RCA standards.

Ranking of Top 16 Electronic Cable Assembly Companies by Revenue, 2013-2014

(USD mln)

	2013	2014E
FOXLINK	706	616
Luxshare	241	374
DNS	106	198
CE-LINK	107	120
JCE Cable Yong Tai Electronic (Dongguan)	93	112
Sinbon	108	96
Sunfpu	67	69
Hotron	60	79
YFC-BonEagle	66	82
WONDERFUL HI-TECH	102	93
Space Shuttle Hitech	75	88
Copartner	141	153
Bizlink	178	187
HL Technology	75	68
MEC IMEX	65	60
High-Tek Harness	70	77

As the electronic cable assembly industry features with labor-intensive, the vast majority of enterprises are concentrated in Mainland China. Currently, the industry has two business models. First is traditional OEM. Brand companies or complete machine companies commission OEMs to produce products. Essentially, these OEMs are their affiliates without independence. Second is OEM serving American and European retail channels, mainly e-business channels. In China, these OEMs are entitled to sell products under their own brands by e-business channels mostly. Compared with the first model, the OEMs in the second model enjoy strong independence, have a large number of scattered customers, show low dependence on downstream customers, and target the terminal retail market, so they can be regarded as independent electronic cable assembly companies.

Compared to independent electronic cable assembly companies, traditional electronic cable assembly companies mainly serve complete machine companies, brand companies or the first-tier suppliers of brand companies, more than 30% of their revenue comes from the largest customer and 75% from the top five customers. The over-reliance of traditional electronic cable assembly companies on a single large customer implies great risks, namely their performance will collapse once the customer cancels orders. Meanwhile, traditional companies have to invest considerable costs in maintaining relationship with large customers. Due to the unequal status, traditional companies can't avoid signing unequal contracts with customers usually; once something is wrong with products, they may confront with huge claims of large customers, which is likely to make them go bankrupt. Independent electronic cable assembly companies and customers are equal in status. Thanks to abundant clients, independent electronic cable assembly companies are not dependent on a single large customer. In addition, independent companies provide up to 10,000 types of products, much more than traditional companies who can only offer dozens or hundreds of types, so the former need strong management capabilities, flexible production line design and production arrangements.

The internal electronic cable assembly market is primarily reflected in the laptop computer field. However, the laptop computer market has been shrinking in recent years. The simplified laptop design (for example, ODD and PCMCIA are removed) requires fewer internal connecting wires; meanwhile, FPC replaces cable assembly partly for the sake of thin and light laptops. The above reasons cause the internal electronic cable assembly market to contract dramatically, so that related companies have suffered losses for several consecutive years. The only bright spot is the popularity of EDP cable assembly incurred by the fast-growing resolution of laptop computers.

On the contrary, the external electronic cable assembly market is booming, mainly propelled by the following driving forces. Firstly, the significant emergence of smartphones. Smartphones consume much power, so users must consider the charging issue in a variety of occasions and they need data cables at home, in offices or cars, or on trip. For convenience, they must purchase many data cables. In general, a consumer will get a data cable for free when he buys a smartphone, but he still needs to purchase at least another one to meet demand. This case was not seen before.

Secondly, consumer electronic products are featured thin shape and light weight, especially thin. In order to reduce the thickness of products, companies make a lot of efforts in terms of the interface height for external terminals, especially Apple whose products include Mini-DP, Mini-HDMI, Micro-HDMI, Micro-USB, Mini-USB and Lightning. The connection between these products and external devices requires special cables.

Thirdly, the arising of numerous high-definition devices and 1080P video sources has spawned a sizeable HDMI and DisplayPort cable assembly retail market.

Finally, every major change in the interface will strongly stimulate the market to grow. For example, the market surge in 2013 was mainly attributed to Apple's Lightning interface. In 2016, Type C USB and Thunderbolt interface will prompt the market dramatically; especially Type C USB is expected to replace the traditional Micro USB interface in large scale, which will bring a huge market.

The external electronic cable assembly market size approximates USD7.2 billion in 2014, and is expected to hit USD8.3 billion in 2015 with an increase of 15.3%, and USD10.6 billion in 2016 with a growth rate of 27.7%.

1 Brief Introduction to Electronic Cable Assembly

- 1.1 Definition
- 1.2 Classification
- 1.3 Production Process
- 1.4 Introduction to the Connector Industry
 - 1.4.1 Upstream
 - 1.4.2 Midstream
 - 1.4.3 Downstream

2 Background of Electronic Cable Assembly Industry

- 2.1 Introduction to Traditional Interface
 - 2.1.1 RF
 - 2.1.2 Composite Video
 - 2.1.3 S Terminal
 - 2.1.4 Chromatic Aberration
 - 2.1.5 VGA
 - 2.1.6 DVI
 - 2.1.7 IEEE 1394
 - 2.1.8 BNC
 - 2.1.9 USB
- 2.2 New-type High-speed Interface Standards
 - 2.2.1 HDMI
 - 2.2.2. DisplayPort
 - 2.2.3 Mini Displayport
 - 2.2.4 Apple's Lightning Interface
 - 2.2.5 DockPort
 - 2.5.6 Thunderbolt
 - 2.2.7 SDI Interface

2.2.8 MHL

2.2.9 SlimPort

2.2.10 USB 3.1

2.3 Development Directions of Electronic Cable Assembly

2.3.1 Double-sided Interfaces without Distinction between Front and Back Sides

2.3.2 Fast Charging Requires Implantation of Protective Chips or Resistors

3 Electronic Cable Assembly Downstream Market

- 3.1 Market Drivers
- 3.2 Global Mobile Phone Market
- 3.3 Global Smartphone Market
- 3.4 Chinese Mobile Phone Market
- 3.5 Tablet PC Market
- 3.6 Laptop Computer Market
- 3.7 Desktop Market
- 3.8 HD and UHD Video Equipment Market
- 3.9 Video Streaming Media Device Market
- 3.10 Electronic Cable Assembly Industrial Scale
- 3.11 Competitive Advantages of Independent Electronic Cable Assembly Companies
- 3.12 Ranking of Electronic Cable Assembly Companies

4 Electronic Cable Assembly Companies

- 4.1 Shenzhen Choseal Industrial Co., Ltd
- 4.2 Shenzhen DNS

4.3 Shenzhen Hantech Electronics

4.4 Shenzhen East-Topstech Electronic Technology

4.5 Shenzhen Ask Technology

4.6 Shenzhen Lenkeng

4.7 HL Technology

4.8 Bizlink

4.9 Ningbo Ship

4.10 Copartner

4.11 Space Shuttle Hitech

4.12 Wonderful Hi-Tech

4.13 YFC-BonEagle

4.14 Hotron

4.15 FOXLINK

4.16 Sunfpu

4.17 Sinbon

4.18 Luxshare

4.19 MICROTEK(JCE)

4.20 Shenzhen PangNgai Industrial

4.21 Shenzhen LiuChuan

4.22 CE-LINK

4.23 ACES Electronics (Mec Imex)

4.24 High-Tek

5 Typical External Electronic Cable Assembly Channels

5.1 MONOPRICE

5.2 RADIOSHACK

5.3 DATWLYER

- SlimPort's Roadmap
- SlimPort's Connection
- Global Mobile Phone Shipment, 2007-2015E
- Geographical Distribution of Global 3G / 4G Mobile Phone Shipment, 2011-2014
- Worldwide Mobile Phone Sales to End Users by Vendor in 2013 (Thousands of Units)
- Worldwide Smartphone Sales to End Users by Vendor in 2013 (Thousands of Units)
- Worldwide Smartphone Sales to End Users by Operating System in 2013 (Thousands of Units)
- Shipment of Global Top 13 Smartphone Vendors, 2013-2015E
- China's Monthly Mobile Phone Shipment, Jan-Aug 2014
- Global Tablet PC Shipment, 2011-2016E
- Market Share of Main Tablet PC Brands, 2013
- Output of Global Tablet PC Companies, 2012-2013
- Laptop Shipment, 2008-2015E
- Shipment of Major Global Laptop ODM Companies, 2010-2013
- Desktop PC Shipment, 2008-2015E
- PC Shipments of Top 5 Vendors Worldwide, 2013Q4
- PC Shipments of Top 5 Vendors Worldwide, 2013
- HDTV and UHDTV Shipment, 2012-2016E
- Market Share of Global Video Streaming Media Device Companies (by Ownership)
- External Electronic Cable Assembly Market Size, 2012-2019E
- Shipment of HDMI Devices, 2011-2016E
- Ranking of Top 16 Electronic Cable Assembly Companies by Revenue, 2013-2014
- Revenue and Gross Margin of HL Technology, 2007-2014
- Revenue and Operating Margin of HL Technology, 2007-2014
- Assets and Liabilities of HL Technology, 2009-2013

- Revenue of HL Technology by Application, 2010-2014
- Gross Margin of HL Technology by Product, 2012-2014
- Revenue of HL Technology by Business, H1 2014
- Revenue of HL Technology by Product, 2012-2013
- Cost Structure of HL Technology, 2012-2014
- Bizlink's Revenue and Operating Margin, 2007-2014
- Bizlink's Revenue by Application, 2013-2014
- Bizlink's Main Products
- Copartner's Revenue and Operating Margin, 2006-2014
- Copartner's Monthly Revenue and Growth Rate, Sep 2012-Sep 2014
- Revenue and Operating Margin of Space Shuttle Hitech, 2006-2014
- Monthly Revenue and Growth Rate of Space Shuttle Hitech, Sep 2012-Sep 2014
- Revenue and Operating Margin of Wonderful Hi-Tech, 2006-2014
- Monthly Revenue and Growth Rate of Wonderful Hi-Tech, Sep 2012-Sep 2014
- Product Distribution of Wonderful Hi-Tech, 2012-2013
- Output, Capacity and Output Value of Wonderful Hi-Tech by Product, 2012
- Output, Capacity and Output Value of Wonderful Hi-Tech by Product, 2013
- YFC-BonEagle's Revenue and Operating Margin, 2006-2014
- YFC-BonEagle's Monthly Revenue, Sep 2011-Sep 2014
- YFC-BonEagle's Revenue by Product, 2012-2013
- YFC-BonEagle's Capacity, Output and Output Value, 2012
- YFC-BonEagle's Capacity, Output and Output Value, 2013
- Hotron's Revenue and Operating Margin, 2009-2014
- Hotron's Monthly Revenue, Sep 2012-Sep 2014
- FOXLINK's Revenue and Operating Margin, 2006-2014

- FOXLINK's Monthly Revenue, Sep 2012-Sep 2014
- Financial Status of FOXLINK's Major Subsidiaries in Mainland China, 2013
- Sunfpu's Revenue and Operating Margin, 2009-2014
- Sunfpu's Capacity, Output and Output Value, 2013
- Sunfpu's Capacity, Output and Output Value, 2012
- Sunfpu's Sales Volume and Revenue, 2013
- Sinbon's Revenue and Operating Margin, 2009-2014
- Sinbon's Gross Margin and Net Profit Margin, 2009-2013
- Sinbon's Business Scope
- Sinbon's Major Customers
- Sinbon's Revenue by Application, 2013-2014
- Luxshare's Revenue and Operating Profit, 2008-2014
- Brief Financial Data of Luxshare's Cable Assembly Subsidiaries, 2013
- Brief Financial Data of Luxshare's Cable Assembly Subsidiaries, H1 2014
- Capacity, Output and Output Value of Mec Imex, 2012
- Capacity, Output and Output Value of Mec Imex, 2013
- Revenue of Mec Imex by Product, 2013
- High-Tek's Revenue and Operating Margin, 2007-2014
- High-Tek's Monthly Revenue and Growth Rate, Sep 2012-Sep 2014
- Monoprice's Operating Mode
- Monoprice's Revenue and Gross Margin, 2010-2014
- RadioShack's Revenue and Operating Profit, 2009-H1 2014

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