



瀚荃集團

CviLux Group

Founded in 1990, CviLux dedicates in manufacturing & selling Connectors, FFC, and Wire Harnesses.



Department: Design



Date : 2021/01/01



CONTENT

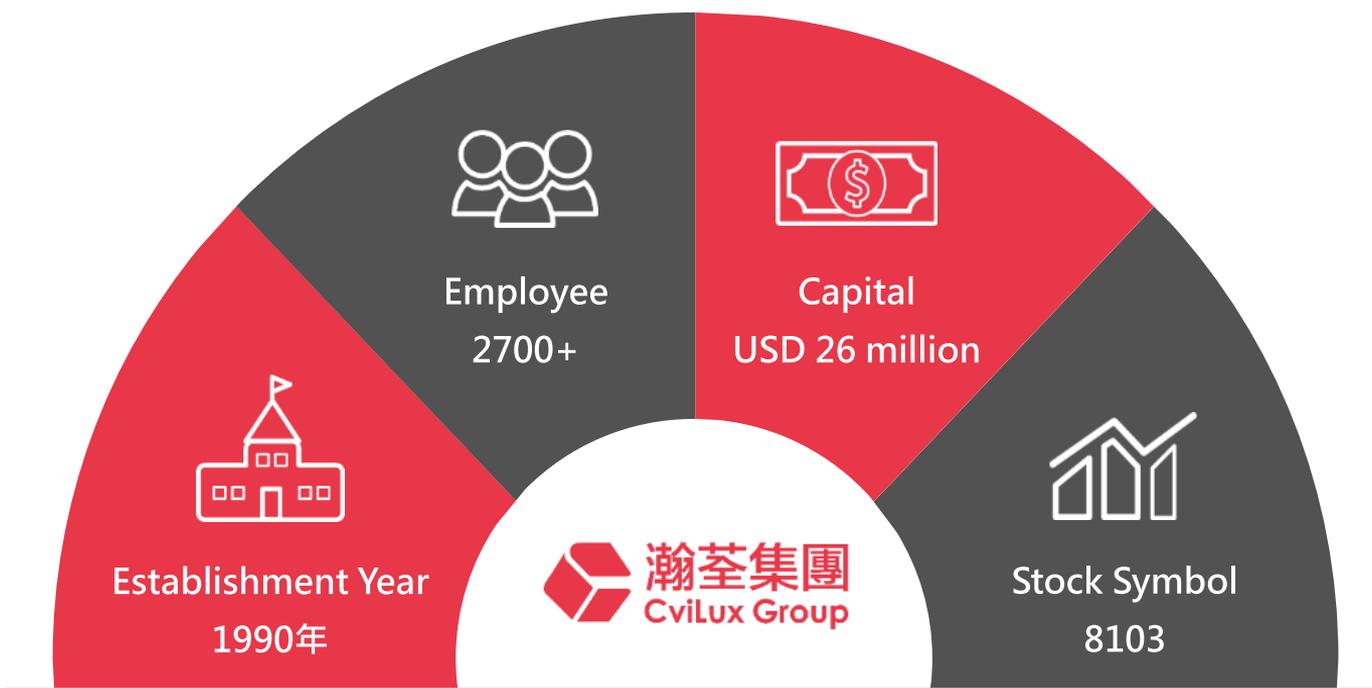
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PART 01

CviLux Group Introduction

Taiwan New Taipei City Tamsui Headquater



Company Overview

1990



- Company Established
Capital: USD 170,000

2000



- Dongguan Plant Established

2002



- Suzhou Plant Established

2003



- Dongguan Plant Established

2009



- Taiwan Public Company
(Code:8103)

2011



- Chongqing Plant Established
- Qingdao Office Established

2012



- Apple Mfi Certificated
- Taiwan Excellence Acquired

2013



- SMT Division Established
- Start Producing Bluetooth Module

2015



- Anhui Plant Established
- Opro9 Brand Established & Red Dot Design Prize Awarded

2016



- Laos Plant in ASEAN Established
- Type C Production Line Set Up

2017



- CviLux USA Established in Washington State
- Type C Cable Assembly under Disney Authorization

2018



- Korean Office Established
- Xiamen Office Established
- Malaysia Office Established

2021



- Japan Office Established
- Implementation Program for Intelligent Manufacturing

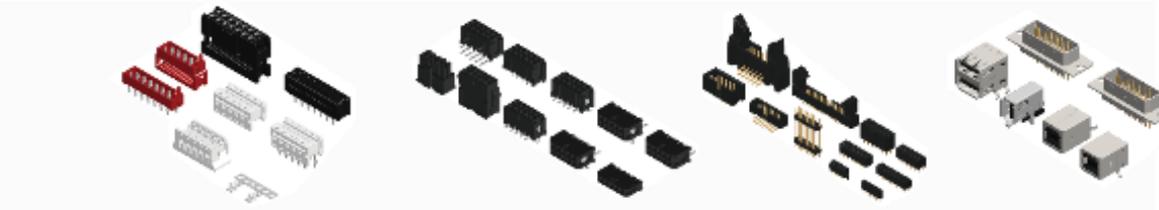
Factory Overview

	Taiwan (CCT)	Cvilux HQ	180	Automatic assembly machine Software Center
	South China (CED)	Cvilux Electronics Dongguan	880	Power Connector · Harness · FFC · Wireless · Industrial Cable Assemblies · Module / Sensor
	South China (DQH)	Cvilux Electronics Dongguan	120	Lightning / Type C Cable I/O connector Insert molding Shielding Case
	East China (HBC)	Cvilux Electronics Suzhou	700	Fine Pitch Connector FFC / FFC LVDS
	West China (CQC)	Cvilux Electronics Chongqing	450	FFC / FFC LVDS DC Connector
	East China (AHC)	Cvilux Electronics Anhui	220	Hotbar FFC on board
	ASEAN (LAO)	Cvilux Electronics Laos	150	FFC Wire Drawing Consumer cable



Four Business Division

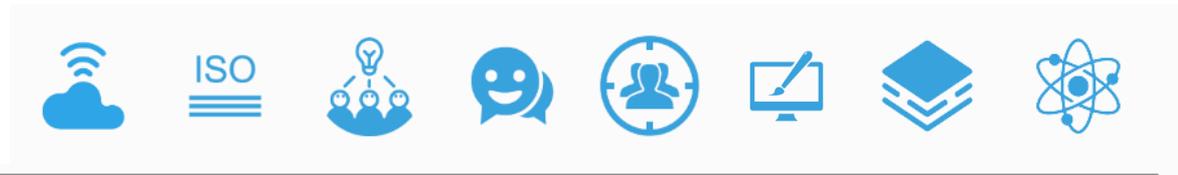
CviLux
Connectors & PCBA



CviLux
Cable & Harness



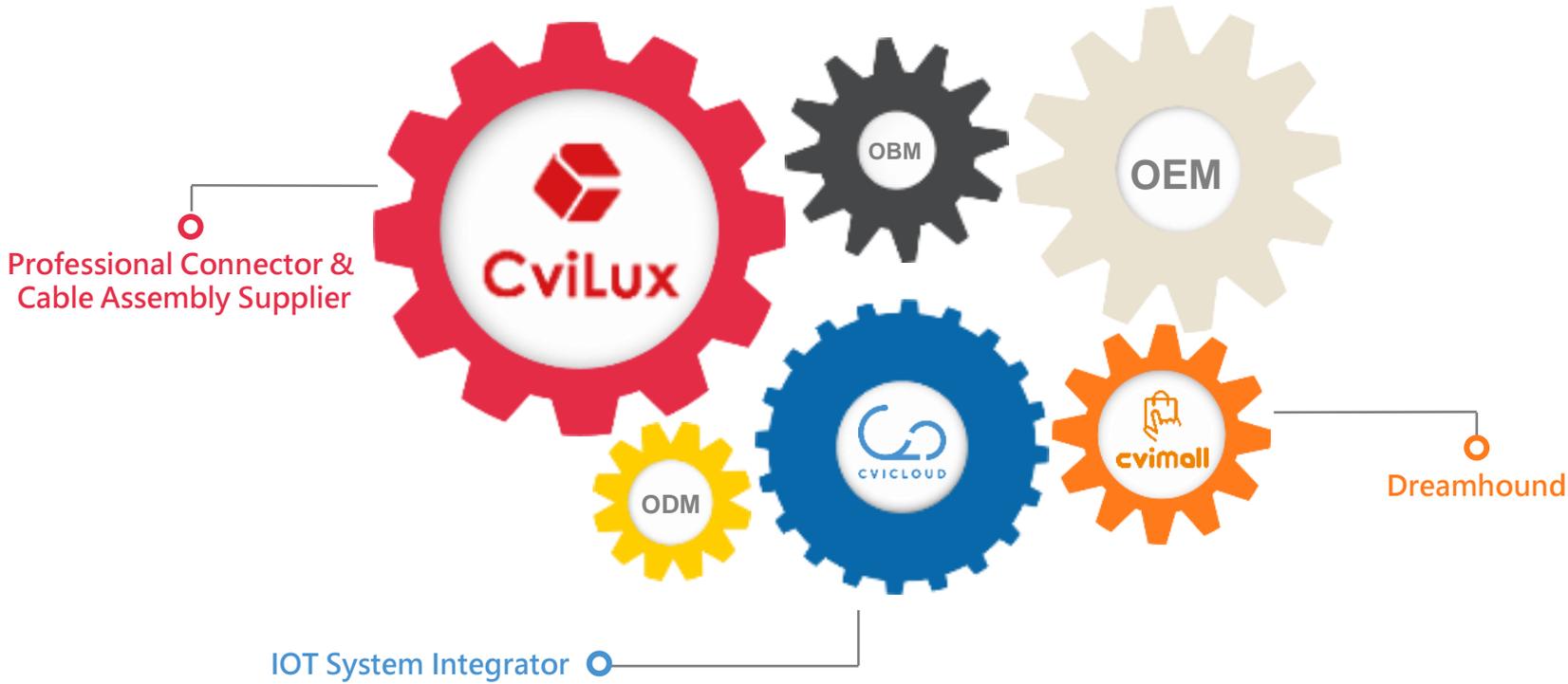
CVICLOUD
IOT System Integrator



Opron
3C Electronic Accessories



Online and offline resource integration





PART 02

Production Facilities

產品特性

Product Features (What We Can Do)

- Strip and retain feature available for all pitches.
- Single-ended assemblies - single disconnect on one end.
- Daisy chain assemblies - multiple connectors on the same electrical path.
- Double-ended assemblies - fully disconnects from PC Board Multi-connector assemblies.
- Kinked tails, offering improved PCB retention, available for .100" and .078" assemblies
- End notching for IDC termination.
- Cable folding, custom labels available.
- Available Circuit Voiding



Production Facilities



Automatic Shaft Change Rolling Mill Machine



Wire Drawing Machine



Wire Drawing / Rolling Mill Machine



FFC Laminating Machine

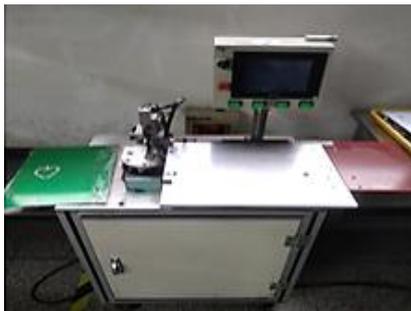


Automatic Inkjet Printer



Automatic Bending Machine

Production Facilities



Semi-automatic Bending Machine



Automatic Aluminum Foil Sticking Machine



Automatic Glue Sticking Machine



FFC Slitting Machine



CCD Cutting Machine



Automatic Film Laser Machine

Production Facilities



Full Automatic Terminal Crimping Soldering Machine



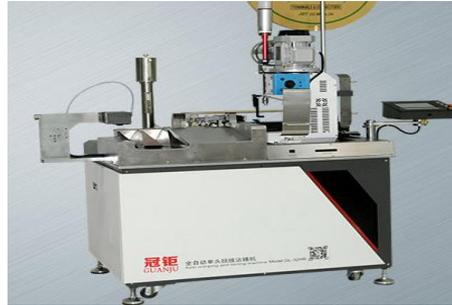
Automatic Termination Machine



Full Automatic Terminal Crimping Machine



Full Automatic Terminal Crimping Soldering Machine



Full Automatic Terminal Crimping Soldering Machine



Auto Termination Machine

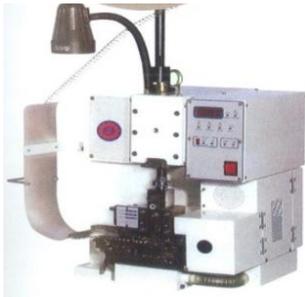
Production Facilities



Smart Semi-Automatic Terminal Crimping Machine



Semi-automatic Terminal Machine



Strip Crimper Machine



Auto Splice



IDC automatic group Wire machine



IDC automatic group Wire machine



Production Facilities



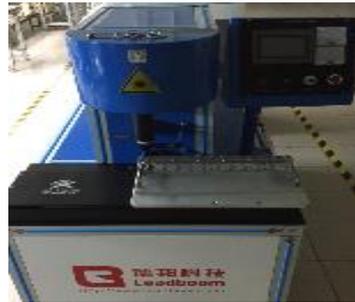
HOT BAR Welding Machine



TYPE C Automatic Welding Machine



USB AM Automatic Welding Machine



Aluminum Foil Laser Welding Machine



Laser Welding Machine

Production Facilities



Automatic Wire Cutting Stripping Machine



Automatic Wire Cutting Stripping Machine



Air Wire Stripping Machine



Air Wire Stripping Machine



Twister Machine



5 Spindles Automatic Coil Winding Machine



Production Facilities



Automatic Winding Machine



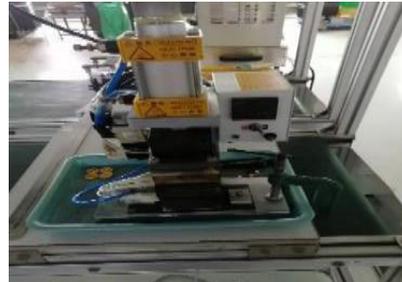
Network cable Straightening Machine



Coaxial Cable Stripping Machine



Double-sided Stripping Machine



Thermal Stripping Machines



Automatic Cutting and Winding Machine

Production Facilities



Vertical Injection Molding Machine



High-speed All-electric Injection Molding Machine



Plastic Injection Molding Machine



Vertical Injection Molding Machine



Fully Electric Injection Molding



High Precision Energy Saving



Production Facilities



High Speed & High Precision C Frame Press



High Speed & High Precision C Frame Press



Automatic Temperature Control Shrink Machine



Connector Pin Assembly



AI Electric Injection Molding

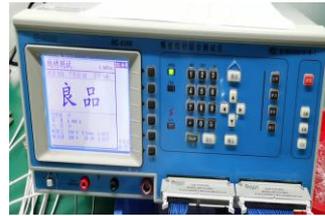


Low Pressure Molding Machine

Quality Inspection Equipment – Electrical Performance



Wire Testers



4-Wire Measurement
Wire Testers



Lightning Cable Tester



Lightning Cable Tester



Withstand Voltage



Milli-Ohm

Quality Inspection Equipment – Mechanical Performance



Auto Inserting Pulling Force Tester



Pulling Force Gauge



Electric Minion Pull



Elongation Tester



Reciprocating Friction Tester



Smart Pull Tester

Quality Inspection Equipment – Environmental Performance



Stuttering Test



Power Aging Test Rack



Wireless Signal Shielding Room



Salt Spray Tester



Constant Temperature and Moisture Chamber



Vibrating Tester



Shock Tester



Hot Air Oven

Quality Inspection Equipment – Environmental Performance



Transportation Simulation



High Precision Temperature
Measuring/Logging System



GO Friction Tester



Aging Test Machine



Glow Wire Tester



SMT IReflow



DC Power Supply



Low Temperature Equipment

Quality Inspection Equipment - Examination



Precision altitude rule



AOI measurement



Fluorescent X-ray
Thickness Analyzer



Desk-Top X-ray Fluorescent



Optical Projectors



Measurement Microscope



Handheld XRF



Automatic Optic Inspection

Quality Inspection Equipment - Examination



Light Source Color Light Box



IQflex 802.11 RF Tester



Bluetooth Tester



Solder Paste Thickness



Time Domain Reflectometry (TDR)



Ermental Section Analyzer



Network Analyzer



Horizontal Projector

Quality Inspection Equipment - Examination



Auto Image Measuring Instrument



Moisture Analyzers



Lapping Polishing Machine



Peeling Force Testing



Image Measuring Instrument

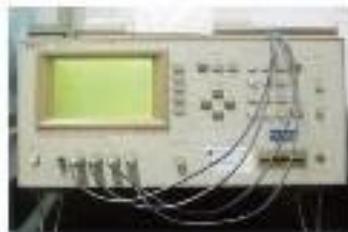


Hardness tester

Quality Inspection Equipment - Examination



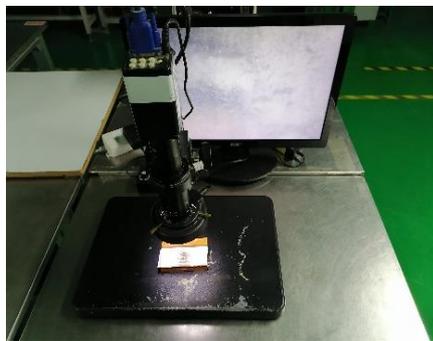
LCR Meter



HP High Precision Capacitance



Battery Capacity Tester



CCD Image Vision Machine



Wire Color Sequence Testing Instrument



PART 03

Product Description

FFC



Shielding



Gold Plated FFC



With Lock Type



Punched

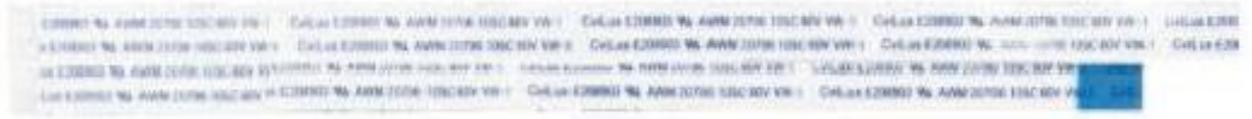




FFC



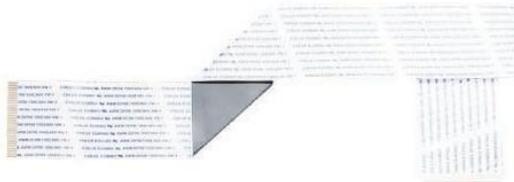
Slitting



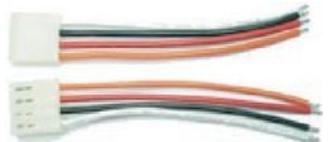
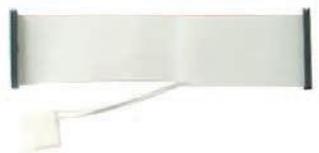
Custom-designed FFC



Composite Aluminum Shielding

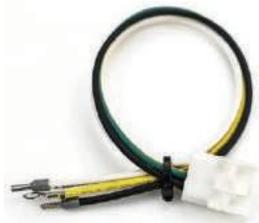


Industrial Harness





Industrial Harness



Cable Assembly



IDC Cable

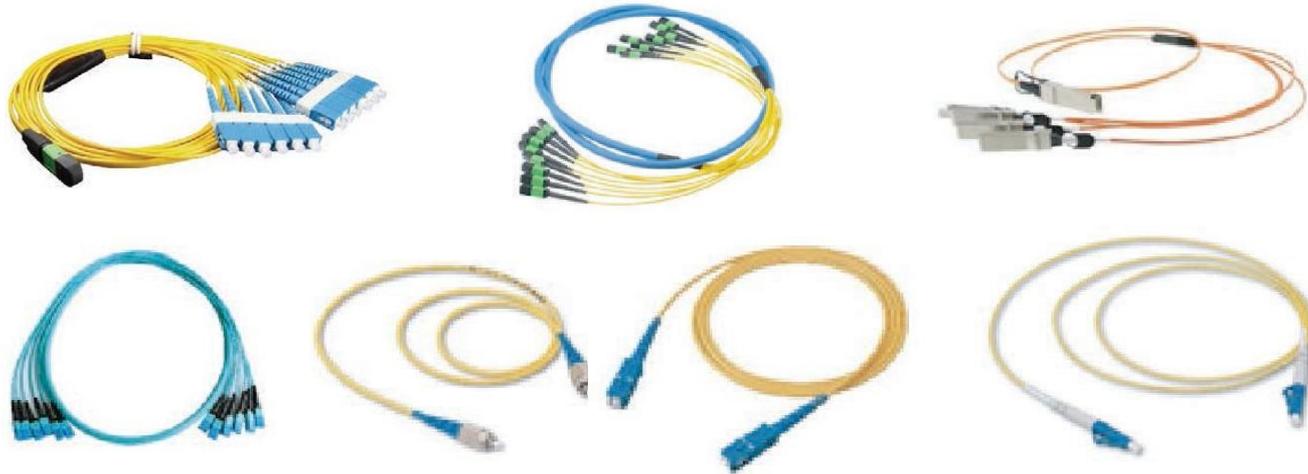


RF Cable



Cable Assembly

Fiber Optical Cable



LVDS Cable



Lightning Cable(MFi)



Lightning to USB Braided Cable



Lightning to USB Standard Cable

Lightning+Micro USB to USB 2 in 1 Cable

Lightning+Micro USB+Type C to USB 3 in 1 Cable



Type C/ TYPE A Cable



USB-C to USB-C
3.2 with E-Mark Gen2



USB-C to USB-C 2.0



USB-C to USB-A 3.2 Gen 1



USB-C to USB-A 2.0



USB-C to USB AF 3.2



USB-C 3.2 to USB BM



USB-C 3.1 to USB Micro B



USB-C 2.0 to USB Micro B



USB-C 2.0 to USB Mini B

HDMI Cable



HDMI Cable



HDMI Cable(AOC)



HDMI to DisplayPort Cable



HDMI to MINI HDMI Cable



HDMI to DVI Cable



SFP/QSFP 、 Slimline SAS Cable

SFP/QSFP Cable



SFP+ Cable(10G)



QSFP28 Cable(100G)



QSFP28-DD Cable(200G)

Slimline SAS Cable



Slimline SAS 4X Cable



Slimline SAS 8X Cable)



Slimline SAS GEN Z Cable

Consumer



Din Cable



RCA to 3.5mm Audio Cable



AV Cable



D-Sub Cable



D-Sub Cable



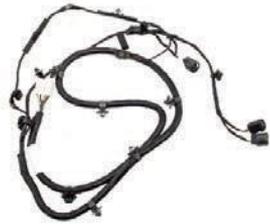
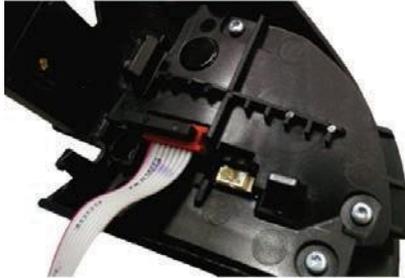
D-Sub to RJ45 Cable



LAN Cable



Automotive Harness



Customized FPC with PCBA



Type C Adapter & Hub



Type C Adapter 01



Type C Adapter 02



Type C Adapter 03



Type C Adapter 04



Type C Adapter 05



Type C Adapter 05



USB-C to HDMI Adapter



USB-C to VGA Adapter



USB-C to Ethernet Adapter



USB-C 4ports with
USB3.0x3+Ethernet Hub



USB-C 4ports with
USB3.0x2+HDMI+USB-C Hub

Type C Adapter & Hub



USB-C 8ports with Docking



USB-C to HDMI Adapter



USB-C to VGA Adapter



USB-C to USB3.0+HDMI+
USB-C 3 in 1 Adapter



USB-C to 3Port USB3.0 Hub
with Ethernet Adapter



USB-C 11ports with Docking



PART 03

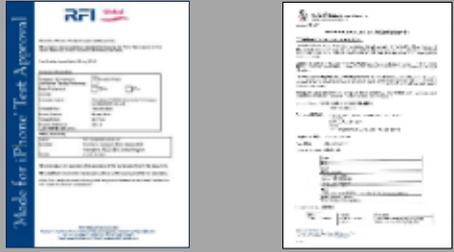
Quality / System Introduction

Quality Certification

System Certification



Customer Certification



Green Product



Product Certification



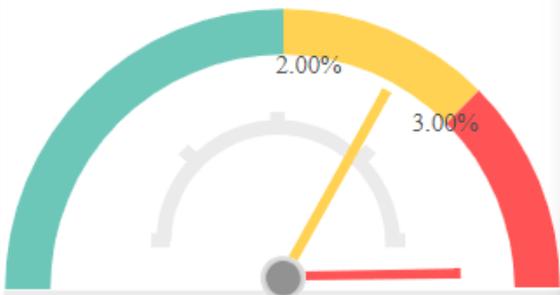
BI Management of Intelligent Logistics

當期物流費用分析
累積物流費用分析
當期依組別物流費用分析
累積依組別物流費用分析

註: 占比金額皆以台幣計算; 物流費用-包含多角貿易費用; 營銷金額為銷貨淨額(扣除內部交易)

當年累積物流費用佔比

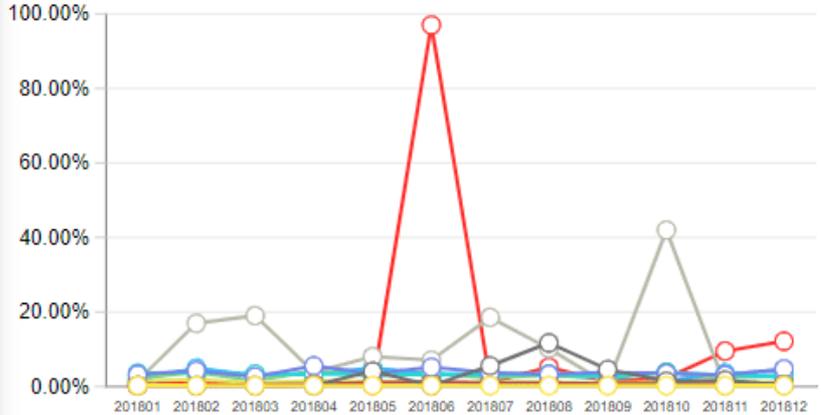
年度 2018



82,267,117 3,110,307,312 2.65%

集團各廠今年物流費用佔比

IFRSDQH IFRSCTA IFRSCED IFRSCTS IFRSCTT
IFRSCCT IFRSCQC IFRSHBC IFRSHRT IFRSLAO



Competitive Advantage



Global Sales Channel



Global Sales Countries and Regions: +80 countries
Global Distributors and Agents: Europe, America, Asia

Consistently SOP

Design & Production Process



GOAL 



THANK YOU

Founded in 1990,CviLux dedicates in manufacturing & selling Connectors, FFC, and Wire Harnesses.