



# 3CTY

## Company Catalog

Total Solution Provider of  
Electronic Components

[www.tae-yang.co.kr](http://www.tae-yang.co.kr)









With four decades of honed expertise in precision coaxial cable assembly manufacturing and a track record of providing innovative supply solutions for the automotive connector industry, we exemplify robust global competitiveness. Additionally, we are strategically broadening our footprint into the field of thermal management solutions.

ABOUT

3C TAEYANG is a specialized manufacturer and exporter in the field of wire harness and cable assemblies used in displays, medical equipment, electronic devices, IP cameras, AR/VR/MR, automobiles, defense industry, aerospace industry, and electronic systems.

3C TAEYANG has been the sole domestic distributor of Sumitomo Wiring Systems for 30 years, distributing top-tier connectors for various automotive harnesses. We provide total solutions from supply chain management to customer delivery based on the highest level of R&D and quality assurance system.

THE MOTTO OF A COMPANY

 <p>Sincerity</p>	 <p>Pioneering Spirit</p>	 <p>Digital Transformation</p>	 <p>Creation</p>
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COMPANY INFORMATION

Date of establishment	1983.07.01	Number of employees	164
Capital	2.54 billion (won)	Main products	MCX, Probe Cable assembly Automotive Connectors, Cable, DMC Tool, Thermal Item
Business area	Wiring harness assembly manufacturing, Electronic parts distribution, Thermal solution research		



LOCATION

<p><b>01 Hongcheon Plant</b>  <b>Magok R&amp;D Center</b>  <b>Gimhae Office</b></p>	<p>23-21, Nonggongdanji-gil, Hongcheon-eup, Hongcheon-gun, Gangwon-do, Korea                  49, Magokjungang 12-ro, Gangseo-gu, Seoul, Korea                  45-14, Yuha-ro, Gimhae-si, Gyeongsangnam-do, Korea</p>
<p><b>02 MWTS(USA)</b></p>	<p>8 Ewing Place Suite C Essex Junction, Vermont 05452, USA</p>
<p><b>03 Texas Corporation</b></p>	<p>2615 Freewood Dr., Dallas, TX 75220, USA</p>
<p><b>04 China Namgyeong Han River Electronics Co., Ltd</b></p>	<p>Blaock A, No.22, Development Zone, Pukou, Nanjing, China</p>
<p><b>05 China Shanghai Silklady International Trade Co., Ltd</b></p>	<p>Room 2315 LeJia Building, Xian dai Avenue Xinghu street crossing, Suzhou City, Jiangsu Province, China Zip Code : 215000</p>
<p><b>06 India Sales Corporation</b></p>	<p>Plot No. 76 D, Udyogvihar Phase - 4 Sector -18 Gurugram Gurgaon Haryana, 122001, India</p>

PRODUCTION LINE



**Hongcheon Plant**

Our medical product line is the trusted supplier to leading global manufacturers of ultrasound diagnostic equipment. Our meticulous manufacturing processes encompass alignment, MASS process, soldering, and beyond. Our equipment features two MASS lines equipped with CO2 Laser, Yag Laser, and specialized testers, all meticulously designed to guarantee impeccable quality.



**Magok R&D Center**

Here, our solutions are engineered to effectively prevent heat buildup within devices while efficiently dissipating it externally. Our R&D efforts encompass a range of thermal management products, including thermal pads, thermal gels, thermal potting materials, and beyond. Moreover, we have pioneered ultra-precise cable harness technology, and created world's first medical camera harness module with a diameter of less than 1 mm. This has led to the advancement of precision assembly technology for endoscopic insertion tubes.

# Cable Assembly Solution



## Ultrasonic Probe Cable Assembly

In the realm of ultrasonic imaging diagnostic equipment, where precision imaging stands as a core technology, 3C TAEYANG has been dedicated to crafting a diverse range of custom probe cable Assembly tailored to our customers' specifications since 1996.



## Endoscope Cable Assembly

Utilizing ultra-small endoscopy technology, 3C TAEYANG is committed to advancing R&D to reduce the dimensions of endoscopes used within the human body. Our goal is to provide healthcare professionals with exceptionally precise images. Through continuous research efforts, we aspire to establish ourselves as industry leaders specializing in ultra-small endoscope modules.



## Semiconductor Testing Equipment Cable Assembly

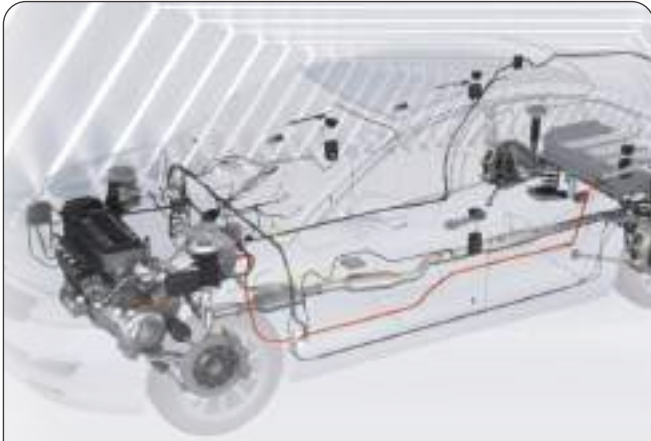
At 3C TAEYANG, we deliver cost-effective solutions that prioritize performance preservation. Our specialized Coaxial Cable Assemblies seamlessly connect the Probe Holder and Semiconductor's Test Handlers (Testing Equipment), ensuring optimal performance for your inspection equipment.



## IT/Display Device Assembly

We produce wide video signal transmission cables for a wide range of digital devices, delivering emotions that go beyond the realism of true-to-life colors. Additionally, we offer a diverse range of solutions tailored to various markets through custom cable development.

## Distribution Solutions for Electronic Components



### Automotive Connectors

For three decades, 3C TAEYANG has proudly served as the exclusive domestic distributor of Sumitomo Wiring Systems, providing top-tier connectors integral to various automotive harnesses for the automotive component market.



### Electronic Connectors

3C TAEYANG offers connectors sourced from manufacturers including KET, TYCO, MOLEX, and beyond. Our commitment extends to vigilant monitoring of electronic market trends, particularly in sectors employing electronic connectors such as electric vehicles, data centers, LED TVs, and more. We proactively tailor our offerings to meet the evolving needs of our customers.



### Cable and Tubing Solutions

As the authorized distributor for SUMITOMO ELECTRIC, we offer a comprehensive range of cable and tubing solutions tailored to diverse industries, including shipping, electronic components, and construction.



### DMC Tool / Marking Machine

As the authorized distributor for DMC, we offer premium hand tools and tool kits designed for repair of Wire Harness systems used in a variety of applications, including defense tanks, aircraft, and helicopters. As the official agency representing CTK in Japan, we offer efficient Marking solutions for a wide range of materials, including wires, optical cables, connectors, cable ties, plastic molded products, and plate sheets.

# Thermal Management



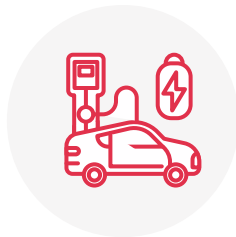
3C TAEYANG THS offers engineered thermal solutions designed to tackle a wide range of heat-related challenges.

Our innovative solution is tailored to prevent heat buildup within electronic devices while efficiently channeling and dissipating generated heat to the external environment. When coupled with thermal interface materials (TIM), our solution further enhances its effectiveness. We are committed to rectifying device issues stemming from excessive heat, thus guaranteeing the safety and optimal performance of your devices.

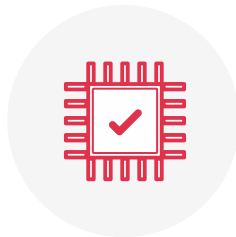
One attempt can make a significant difference.



Electronics & Display



E-mobility & Electric Motors



Semiconductor Equipments



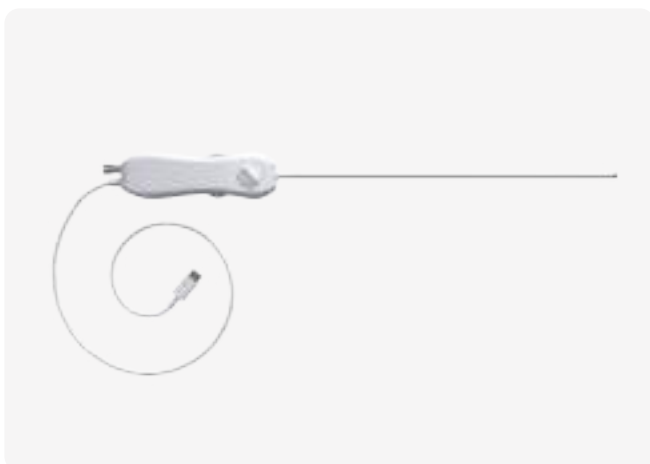
Automotive



Defense Industry

# HawkEye

(Endoscope Cable Solution)



## HawkEye

Your Partner for Ultra-Small Endoscope Development

We have pioneered the development of precision harness module technology, enabling the integration of a 1mm x 1mm ultra-small camera with a 450 $\mu$ m x 450 $\mu$ m image sensor through a micro-coaxial cable.

Our innovation extends to integrating advanced lighting components, image processing units, and precise steering mechanisms to create an compact endoscope.

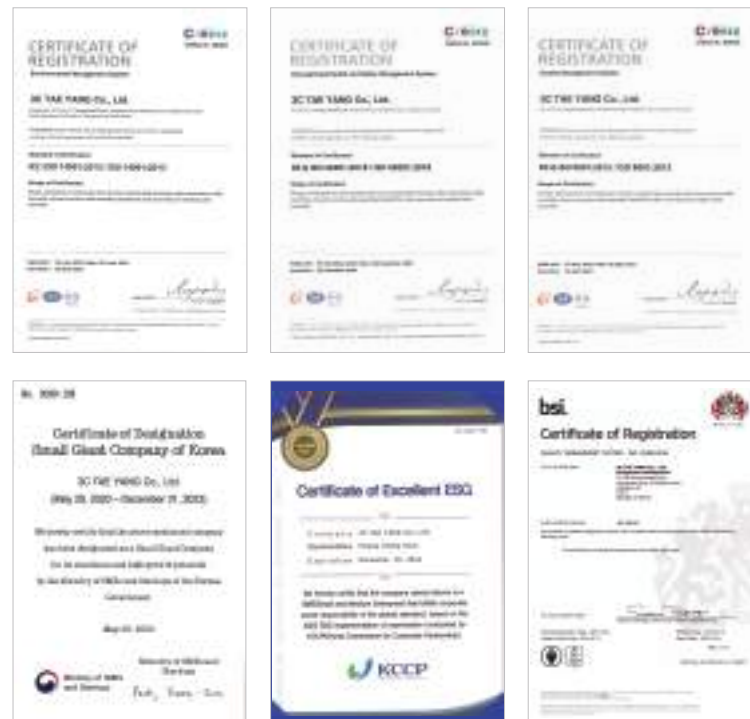
This endoscope not only excels in diagnostics but also facilitates medical procedures within the lungs, bile ducts, urethra, and spine regions, all while meeting the highest disposability standards.

# PATENT CERTIFICATION

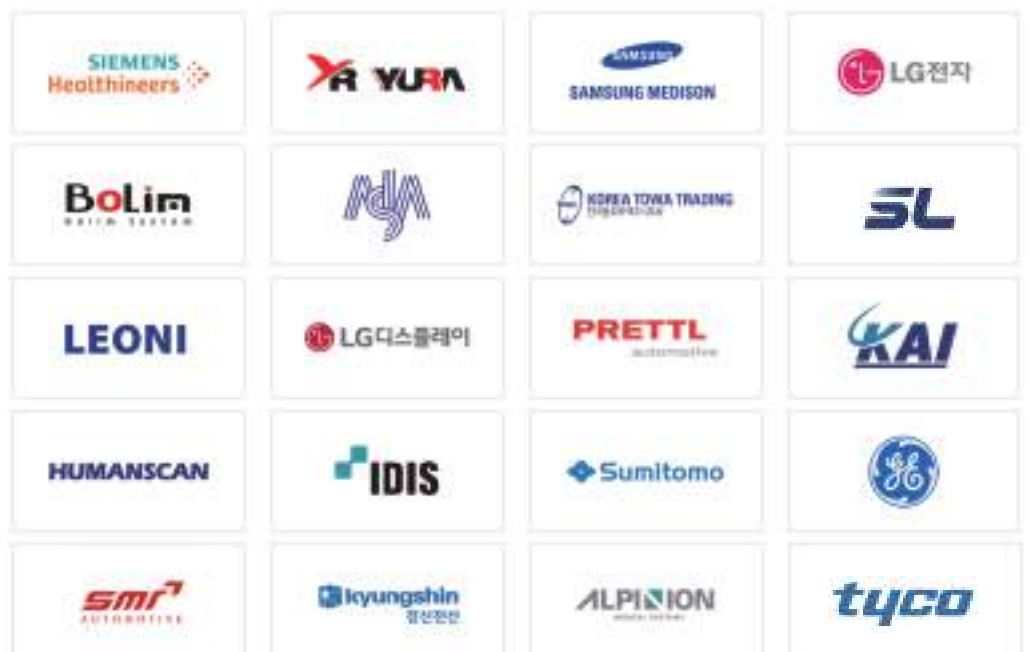
## Intellectual Property



## Certificate



## Clients





**Head Office  
Hongcheon Plant**

23-21, Nonggongdanji-gil, Hongcheon-eup, Hongcheon-gun, Gangwon-do, Korea  
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