

Yazaki Snapshot

Yazaki has been the world's leader in Automotive Wiring Harness for more than 2 decades.

Our global operations harness the corporate credo "A corporation in step with the world" and "A corporation needed by society", which serves as the basis of our value proposition to our customers.

Yazaki is also the largest market provider for building wire solutions in Japan and the largest electric wire and cable solutions supplier in Thailand.

Founded in Japan, Yazaki group has a legacy of high quality products that are the destination for customers who require high and reliable performance.

Largest automotive Wire Harness manufacture in the world

Largest Building wire manufacture in Japan

Largest Electric wire manufacture in Thailand.

Automotive Related Product

Wire Harnesses



Wire harnesses form the central nervous system of the car. Yazaki Group Proudly commands a top share of the global wire harness market.

Meters



Among the many Yazaki Group products, the one closest to you is more than likely the automotive meter. Found in cars in Japan, Europe, America and everywhere else, Yazaki-made meters are familiar to drivers around the world.

Connectors



Yazaki Group connectors, well-known for their impact, vibration and environmental resistance and other features, have a long history in the automotive industry, where we are recognized as a leading developer and manufacturer of top caliber and extremely reliable products.

Automotive Components



New Business

Environmental Recycling Business



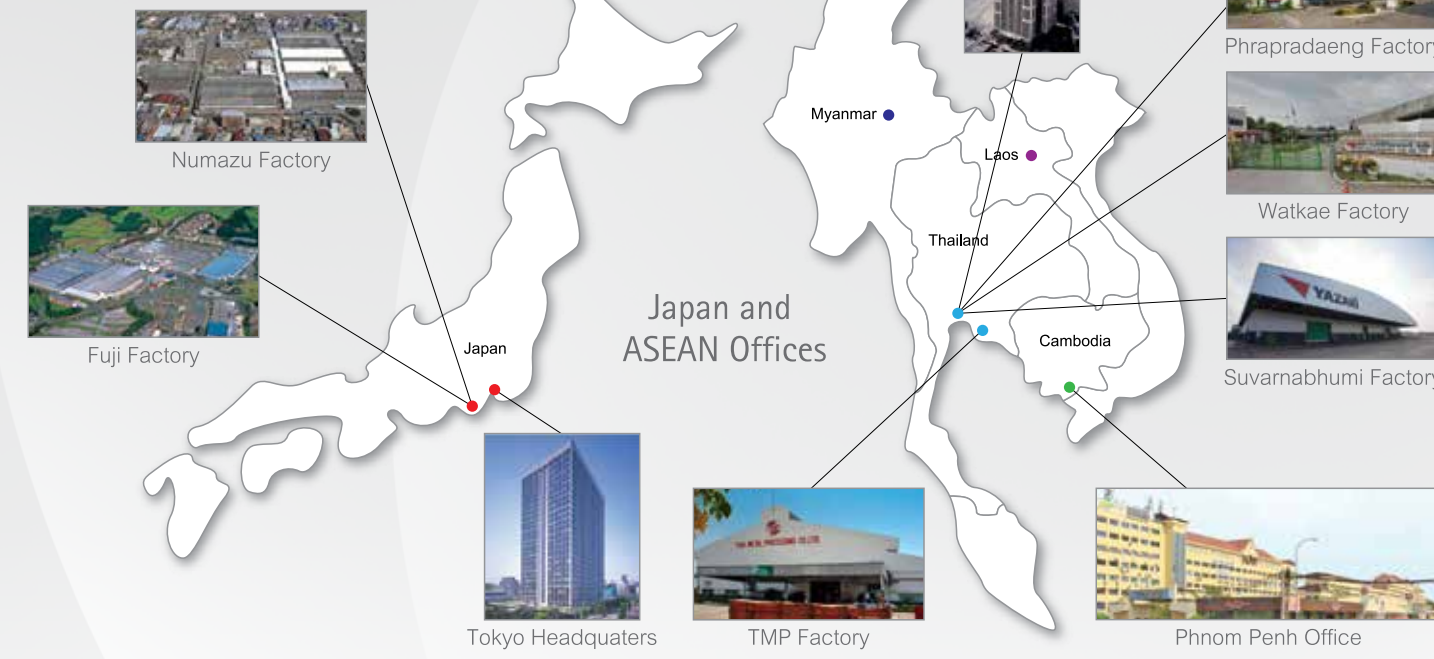
In the spirit of Mottainai ("Waste not, want not") that has characterized its way of doing business since its inception, Yazaki Group is dedicated to developing recycling businesses that expand the local economy and contribute to the efficient use of resources.

Nursing Care Business



Yazaki Group is developing businesses that provide ambulatory rehabilitation, nursing care and home visits, assisted living facilities for aged and disabled people, home renovation, group homes and care provider equipment rentals and sales, among other services.

Electric Wire and Cable Solutions



JAPAN

31 Branches
5 Offices
3 Subsidiaries
132 Distributors

THAILAND

2 Offices
16 Distributors
45 Dealers

LAOS

1 Dealer

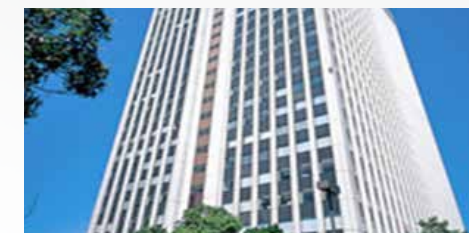
MYANMAR

1 Distributor

CAMBODIA

1 Office
2 Distributors
1 Dealer

Yazaki Energy System Corporation



Tokyo, Japan
Established: 1941
Functions: World Headquarter, Sales, Manufacturing, R&D
Employees: 2,000

Cambodian Yazaki Energy System Co., Ltd.



Phnom Penh, Cambodia
Established: 2014
Functions: Sales
Employees: 3

Thai-Yazaki Electric Wire Co., Ltd. (TYE-P)



Samutprakarn, Thailand
Established: 1962
Functions: Sales, Manufacturing, R&D
Employees: 600

Thai-Yazaki Electric Wire Co., Ltd. (TYE-S)



Samutprakarn, Thailand
Established: 2016
Functions: Sales, Manufacturing, R&D
Employees: 150

Thai-Yazaki Electric Wire Co., Ltd.

Head Office/Sales Office:
27F Two Pacific Place Building,
142 Sukhumvit Road, Klongtoey Subdistrict,
Klongtoey, Bangkok, 10110, THAILAND
Tel: +66 (0) 2653-2550 Ext: 137
Fax: +66 (0) 2653-2613 / 2653-2614
Email: tyeads@yazaki.co.th / tyeads9@yazaki.co.th

Factory:

Phrapradaeng Branch
283 Moo 1, Suksawad Road, Bangplakot
Phrasamut Chedi, Samutprakarn, THAILAND
Tel: +66 (0) 2463-0058

Suvarabhumi Branch
99 Moo 4, Klong Suan, Bang Bo, Samutprakarn
Tel: +66(0)2300-9500/2136-4856
Website: www.thaiyazaki-electricwire.co.th
https://www.facebook.com/ThaiYazakiElectricWire



Website



facebook

Quality Delivered Electric Wire and Cable Solutions



History of Yazaki Electric Wire



1938 Yazaki Densen Eigyō-bu joint stock company established
1941 Yazaki Densen Kogyo K.K. established
1951 Full-scale production of vinyl electric wire started
1957 Japan's first "Thomas" furnace introduced at Numazu Factory
1962 Thai-Yazaki Electric Wire Co., Ltd. established in Thailand
1988 Installation of 10,000 t/m continuous copper rod melting system in Thailand
1996 Installation of 14,000 t/m continuous copper rod melting system in Japan
1998 Production of Ecology Cable (EM Cable) started
2003 Lead-free vinyl electric wire and cable launched
2009 The "F Earth", a VVF with ground wire launched
2011 The "Yawaraka Bendable" wire 600V series launched
2011 The "Single-touch" Waterproof Connector" for tunnel lighting launched
2011 Slim Branch launched
2012 Founding of Yazaki Energy System (Integration of all non-Automotive functions)
2012 The "EM F Earth", an EM EEF/F with ground wire, launched
2014 Cambodian Yazaki Energy System Co., Ltd. established in Cambodia
2016 Establish Suvarabhumi Factory in Thailand to capture future growth of ASEAN market

Energy Related Products

Electric Wire and Cables



With more than half a century of experience in electric wire production, the Yazaki Group has also made significant achievements in the development of construction saving and environmentally friendly products.

Air-conditioning Equipment



Yazaki Group seeks to create low environmental impact products by utilizing waste heat, as well as natural and renewable energy sources like solar heat and wood biomass.

Solar-heated Equipment



Yazaki Group is committed to protecting our precious environment by using clean solar energy for residential solar systems and solar water heaters that do not emit CO₂, the cause of global warming.

In-vehicle Safety & Service Systems



DTGS digital tachographs
Supporting telematics, the tachograph, drive recorder and other products that make buses, trucks and taxis safe and comfortable.

Gas Equipment



Arocco, LP Gas Alarm
Focusing on sensor-based products, Yazaki Group develops gas meters, security systems and other gas equipment that ensure safety, and facilitate meter reading and gas delivery

Achieving significant downsizing, the Ultrasonic Gas Meter utilizes Ultrasonic sensors to measure gas flow.



U-Smart, Gas meter

30%

North & South America

Argentina
Brazil
Canada
Colombia
El Salvador
Mexico
Nicaragua
Paraguay
U.S.A.
Uruguay

> 249,667 employees
45 Countries and regions
143 Companies

18%

Europe & Africa

Belgium
Bulgaria
Croatia
Czech Republic
France
Germany
Italy
Lithuania
Morocco
Poland
Portugal
Romania
Russia
Serbia
Slovakia
Slovenia
South Africa
Spain
Sweden
Tunisia
Turkey
Ukraine
United Kingdom

35%

Japan

17%

Asia & Oceania

Cambodia
China
India
Indonesia
Korea
Myanmar
Philippines
Singapore
Taiwan
Thailand
Vietnam

Quality Realization Structure

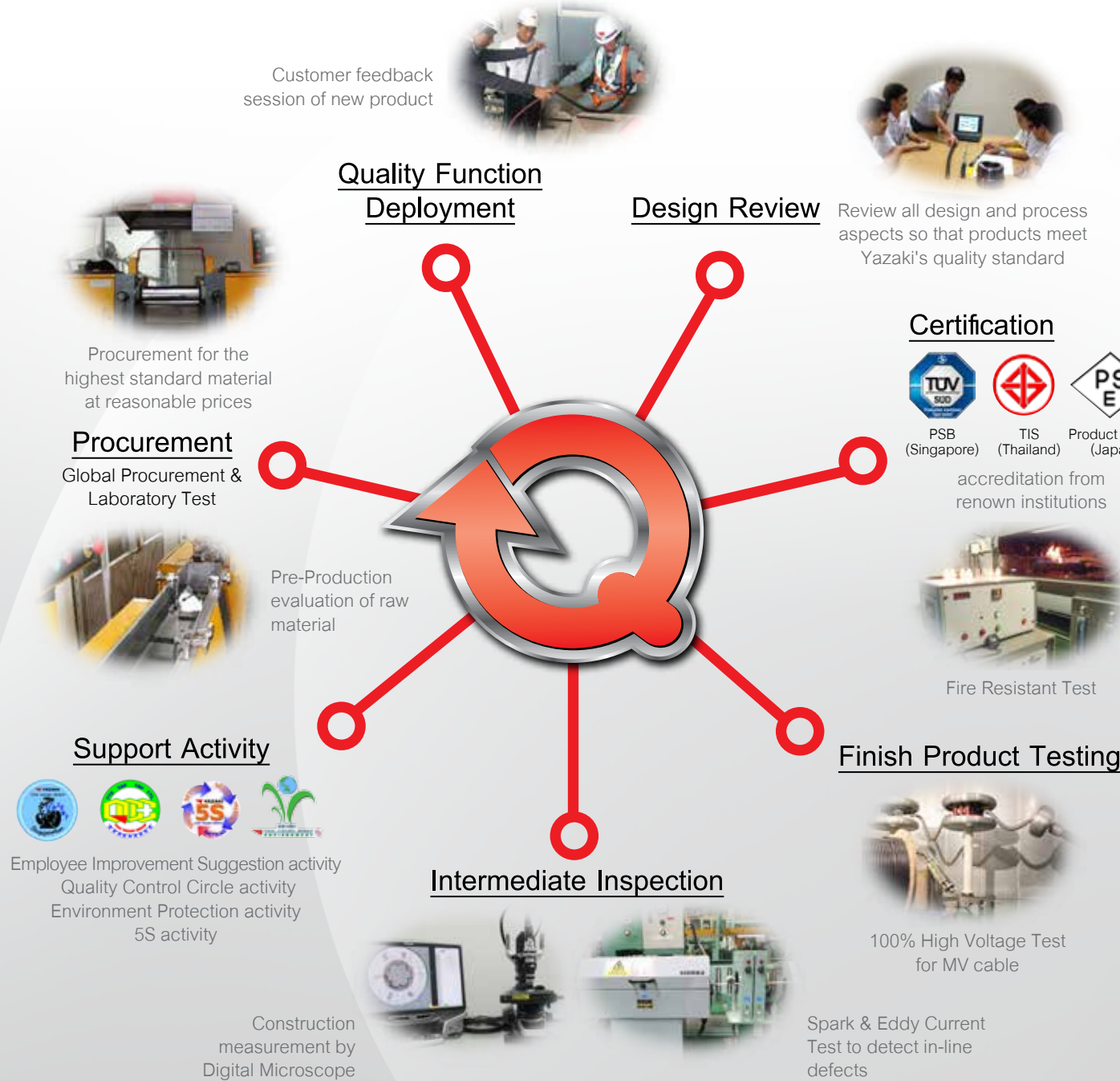
Quality is embedded in Yazaki culture and is closely designed into every aspect of Yazaki's business practices.

Quality starts from the engagement with our customers and carried through to our design process so that we have the right requirement capture that ensure the targeted application.

Our procurement section takes care in the selection of the right suppliers that can continuously deliver to Yazaki high quality material into our production process.

Inside our production process, we have numerous inspection equipments to monitor work in process goods, so that in-process defect do not get passed on to the next process.

Yazaki also ensures the final goods using our in-house testing capability to guarantee the performance of our products. The tests are not limited to the minimum requirements from standards, but also includes internal requirements that guarantee the product quality truly represent Yazaki's brand. Quality is Delivered all the time.



Yazaki's mission is to provide "Electricity for All"

Yazaki provides wide product range to provide solutions for all electrical applications

1 Transmission and Distribution (High Voltage)

ACSR 22kV - 500kV
Aluminum Conductor Steel Reinforced wire

Bare conductor commonly and widely accepted for high voltage transmission and for medium voltage distribution systems.

2 Fire Resistant Cable (Life Safety Circuit)

FS/FDLH SWA 600V - 1KV 90 °C
Fire Resistant Flame Retardant with Low Smoke and non Halogen with Steel wire Armor

FS/LH 600V - 1KV 90 °C
Fire Resistant with Low Smoke and non Halogen

Fire resistant cables with mica tape wrapping on conductor allows the cable to distribute electric current under open fire.

Applications used for alarm, emergency light, sprinkler systems, and subway systems.

3 Building Wire (Low Voltage)

VAF 300/500V 70 °C
Vinyl Armor Flat cable

Double protected cable used widely in housing applications, since to safety.

Easy to handle and installation process is simple.

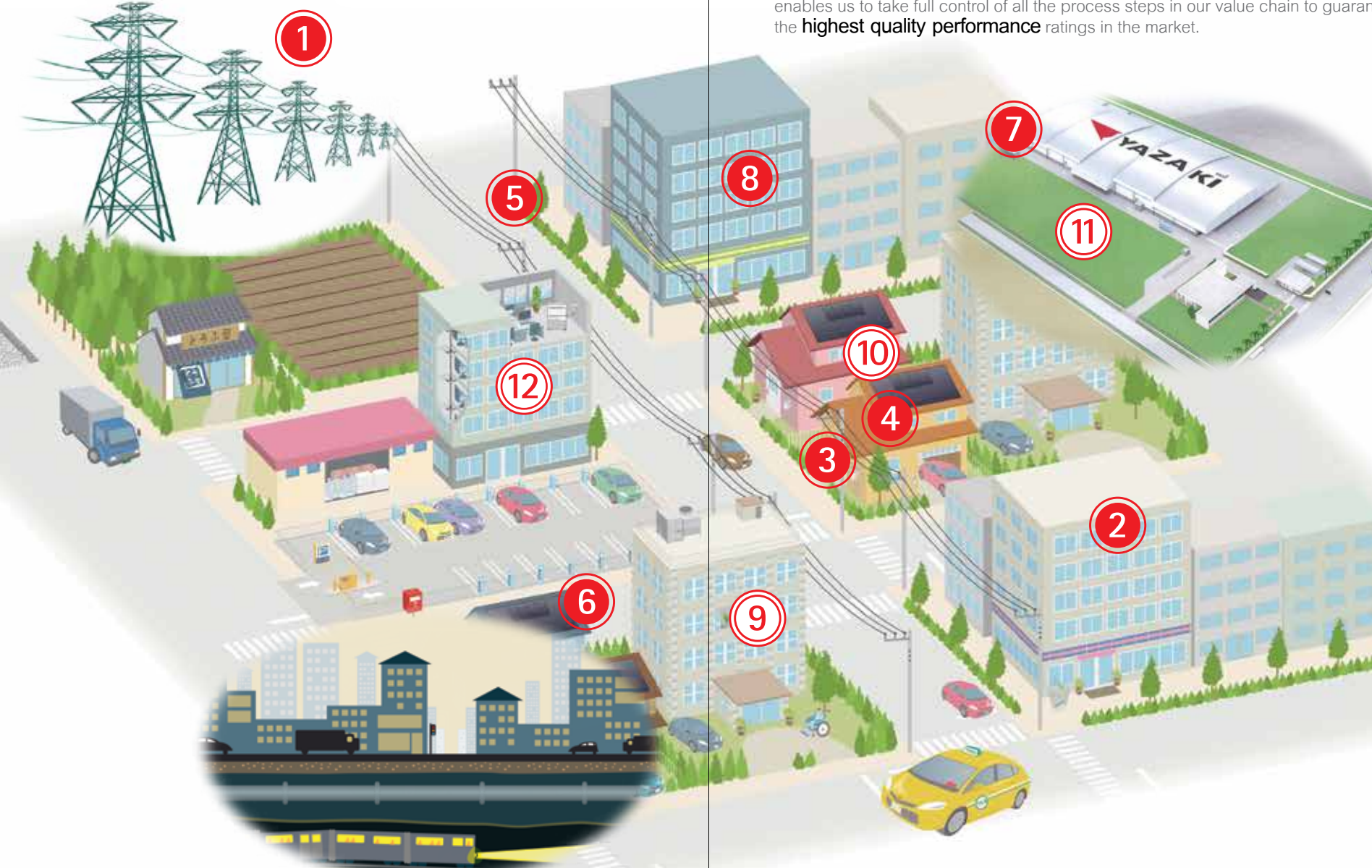
4 Building Wire (Low Voltage Power)

THW 750V 70 °C
Thermal Heat Resistance Water proof cable

Basic and most simple cable structure available on market.

Widely used by electrical subcontractor with high engineering and installation capability.

Requires conduit pipe (plastic / steel) since to the single insulated structure does not ensure safety.



Yazaki's products are well known in the market for, **High performance**, Wide selection, **Long life**, and **Reliability**, which are elements to underline our Quality value.

Yazaki is proud to have repeated customers that appreciate our **maintenance free** and high performance products, that are delivered on-time. Customer satisfaction is achieved by delivering quality products that does what is expected to do.

Yazaki's **vertically integrated supply chain** from copper melting to final assembly enables us to take full control of all the process steps in our value chain to guarantee the **highest quality performance** ratings in the market.

8 Low Voltage Power Cable (Heavy duty Heat Resistant specification)

CV 600V - 1KV 90 °C
Cross-linked Polyethylene Insulated Vinyl Sheathed cable

Main power cable used as main feeder system in factories or large building.

Heavy duty specification for higher temperature environment.

Normally used for three-phase system for motor of machinery or equipment in factories.

7 Medium Voltage Power Cable

CV 3kV - 30kV 90 °C
Cross-linked Polyethylene Insulated Vinyl Sheathed cable

Medium voltage application used by manufactures to transmit electricity directly from sub-station.

Customization of cable is possible with armoring and shielding depending on customer application.

5 Overhead Distribution Line (Medium Voltage) - Space Ariel Cable (SAC)

CC 25kV - 35kV 90 °C
Cross-linked Polyethylene Insulated and Sheath

Widely used cables for cost effective distribution solutions.

Simple cable structure enables the electrical utility enterprise to flexibility design their electrical distribution network.

Compatible to simple connectors and termination accessories to allow economically effective solutions.

6 Underground Distribution Cables (High Voltage)

CV 69kV - 115kV 90 °C
Underground Cross-linked Polyethylene Insulated Vinyl Sheathed cable

Cable used for high voltage distribution provincial and metropolitan underground lines.

Suitable to supply current that steps down from transmission line to medium voltage distribution line.

Waterproof specification and armoring to allow direct burial of cable in the ground.

Yazaki Innovation

Solving the Real Issues that matter to customer

9 Earth-In Cable

FD-CV 1kV 90 °C

Earth-In Cable is an "All in One" cable that **reduce installation time and effort**, but also have added benefit mitigating the risk of theft of the Earth wire. Yazaki's new Earth-In Cable design has "Green Stripe" on the sheath that help indicate that the Earth wire is inside.

10 Unit Cable

VAF 500V 70 °C

Unit Cables are **pre-fabricated cable** systems for all electrical circuits inside a house, office, or apartment building that ensures electrical installation quality and shorter electrical installation leadtime. The Unit Cable is custom designed to each customer's unique electric layout design and the electrical wires are **pre-manufactured in Yazaki's quality controlled process**, using standard cutting & crimping machines and are **100% electrical tested**, so that the system has no short circuit. The Unit Cables are **encapsulated into a plastic mold** and the connections are made by standard connectors, so no special electrical technician is required to make the connections. Unit Cables not only enables general contractors to **reduce the installation time** up to 30% in order shorten the construction leadtime, but also enable them to **achieve 100% electrical installation reliability** through the use of fool proof connector system.

Yazaki has continuously developed Innovative products that **address customer issues and concerns**. Whilst electric cable technology is close to a century old, we believe that there are still many market issues to be addressed. Yazaki has been the **pioneer** in the effort to **change the customer's user experience** and through the eyes of our customers, we have developed products that **deliver economic and intangible benefits** to our customers. These are a few examples of the innovation products that have been introduced to the market.

11 Yawaraka Cable (Super Soft YK Series Cable)

FD-CV 1kV 90 °C
NYY 750V 70 °C
THW 750V 70 °C

Yawaraka Cable (Super Soft YK Series Cable)
Cable has **more flexibility** compared to conventional cables. This cable is **easy to bend** and has wire memory allowing it **not to snap back**. The **memory effect enables safety** for the cable installation operator and provides **less fatigue** in narrow place, hence allowing **installation time savings up to 15%** compared to conventional cables.

12 Branch Cable

FD-CV 1kV 90 °C

Branch Cables are used for main trunk cable in high rise buildings, towers, and multi-story factories. Branch Cables **save installation time** and are safe because the cable joints are pre-fabricated in Quality controlled Yazaki factories. There is **no risk of poor quality cable joints** and the resin mold ensures that there is no electrical lose and electrical sparks.