



Company Profile

www.tekima.com



The Company

Tekima is a manufacturer of **industrial cables**.

Tekima has the headquarters in **Italy** and its branch in the **United States**.

We export our products to all over the world, as we produce in compliance with European, USA and Canadian Standards.



www.tekima.com/video-en/corporate



www.tekima.com/us/tekima-and-sports

When and why...

Massimo Ceolaro and Alessandro Giovannini, two young entrepreneurs from Italy, saw an opportunities in the industrial automation market in early 2000s.

Many machinery manufacturers in Europe required products built in compliance with regulations different from the European one in order to be able to export fully compliant machines and systems to the target markets. All European manufacturers were at the time not very flexible and not very inclined to customizations, instead following local standards, not accepted on the American market.

Thus, in 2003, Tekima was born, one of the **most dynamic companies in the production of cables** certified according to **UL** and **CSA standards** and at the same time compliant

with European requirements too. Since then, **multi-standard cables** have been among the company's distinctive products.

At that point, only the name was missing, the acronym Tekima comes from the abbreviation of the words **Technology** (TEK), **Italy** (I), **Massimo** and **Alessandro** (MA).

Always involved in sport, with a competitive past in motorcycling, skydiving and sailing, Massimo and Alessandro strongly believe in competitiveness, loyalty, transparency with their suppliers, customers and employees.



The Sectors

Products suitable for several applications.



Aerospace



HVAC



Automotive



Construction
equipment



Electronics
Electromechanics



Robotics



Food &
Beverage



Healthcare
Pharmaceutical



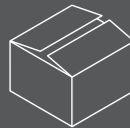
Iron & steel



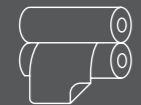
Marine &
Offshore



Oil and gas



Packaging



Printing



Railways



Renewable
energy

Team

A company is made up of people, ours are special.



Code of Ethics

The Company shares its rights and privileges with the people of the Tekima world, as we remember the journey we have undertaken and the Company's commitments to employees, collaborators, customers and suppliers. You will find our Code of Ethics on our website.

References

We cooperate with international groups in projects **all over the world.**



Expertise

Every year we integrate our range with products concerning different regulatory areas such as **NFPA79, NFPA 70 (NEC), UL508a, CSA C22.1, CSA C22.2 No. 286.**

We support the customer to choose the most suitable solution in relation to the specific application and in full compliance with technical and regulatory requirements.



To learn more about specific cases and applications, go to the dedicated section of our website.



www.tekima.com/us/tekima-in-the-world



www.tekima.com/video-en/training



We share our requirements, technical solutions, commercial, experiences and references of applications and installations with over **700 professionals** every single year.

Our conferences have become events. The participation of public is growing year by year.

Processed Wire certifications

The manufacturing process is guaranteed by UL Underwriters Laboratories **Processed Wire** certification (File #E466306).

It includes both UL recognized and UL Listed destined for US and Canadian markets.



Product certifications

Tekima offers products with international certifications including “Appliance Wiring Material”, “Communications Cable”, “Flexible Cord”, “Machine-tool Wire”, “Power and Control Tray Cable”, “Marking and Labeling Systems”, “Flexible Motor Supply Cable”.



www.tekima.com/video-en/certifications



File # E314444
File # E484123



File # E484123
File # MH60136



File # E361258
File # E514001
File # E361260



File # E361258
File # E514001



File # 265572



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Products



Single core cables c(UR)us AWM Style 1015 and <HAR>



Single core cables (UL) Listed MTW/TEW, c(UR)us AWM Style 10269 and <HAR>



VFD multicore cables c(UR)us AWM Style 2570



VFD multicore cables (UL) Listed TC-ER and c(UL) Listed RW90



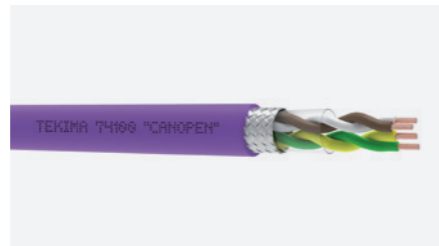
Power and Control Tray Cable (UL) Listed TC-ER/MTW/WTTC, c(UL) Listed CIC/TC-ER and c(UR)us AWM



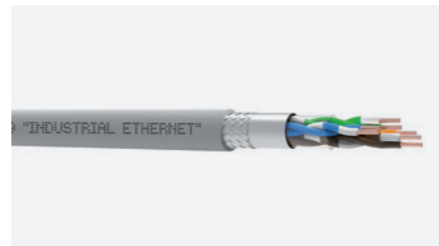
Profibus data communication cables c(UR)us AWM and c(UL)us Listed CMX



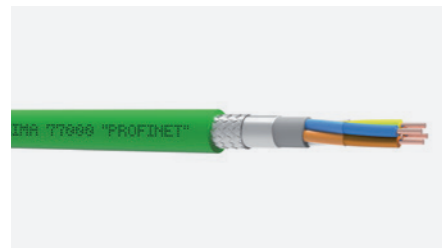
Devicenet data communication cables c(UR)us AWM



CanOpen data communication cables c(UR)us AWM



Ethernet data communication cables c(UR)us AWM and c(UL)us Listed CMX/CMR



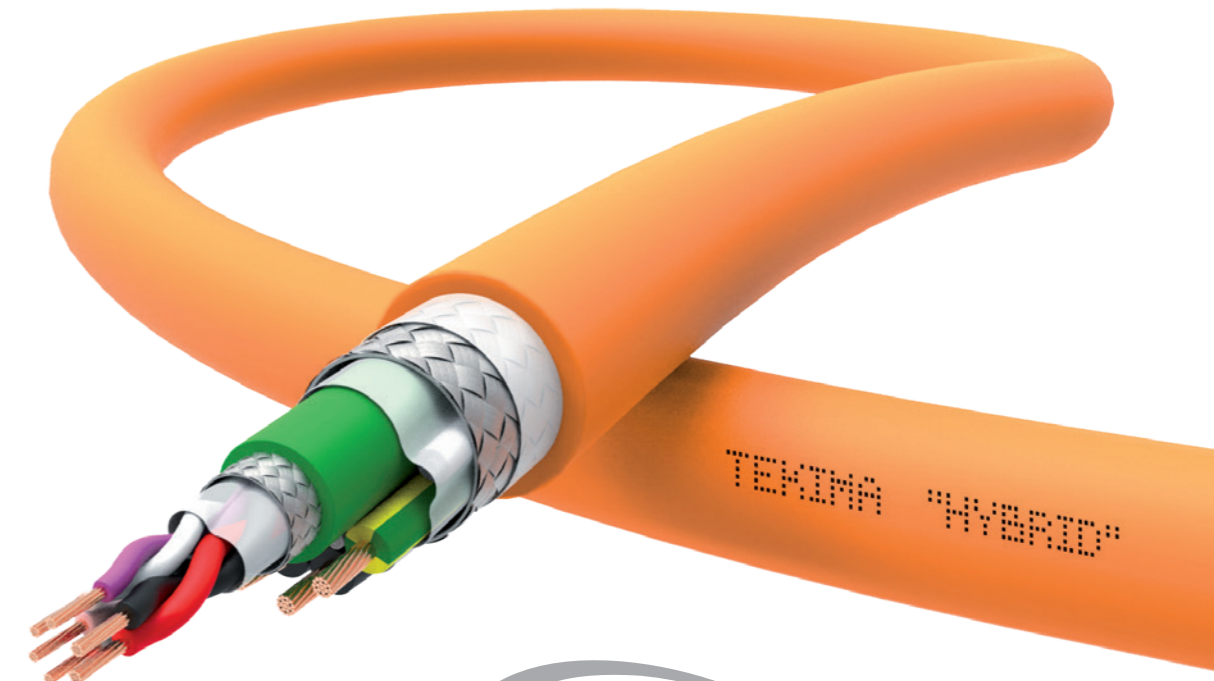
Profinet data communication cables c(UR)us AWM



Safety Labels according to ANSI Z535, OSHA, NEC, UL 969 and CSA C22.2 No.0.15

Hybrid according to Tekima

Communication and integrated power now in a single cable.



Simplicity and service according according to Tekima.

We develop the product you need, by **customising** it and offering a unique and exclusive **cut-to-size service**.

We develop product kits for you, **ready for installation**. All you have to do is opening the pack and start wiring.



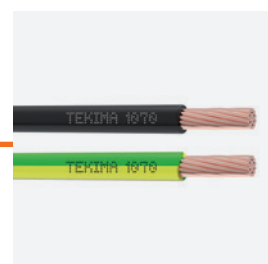
Safety Labels



Series 8110/8110S TC-ER-HL cables



Series 911 Single core cables



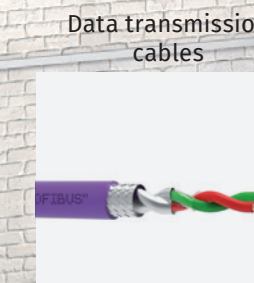
Series 1070/1075 Single core cables



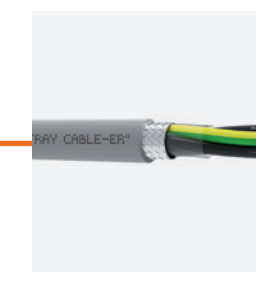
Series 365S TC-ER/VFD cables



Series "Hybrid"



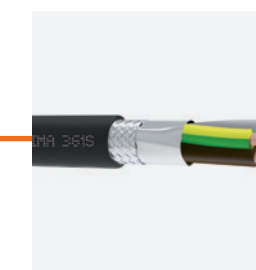
Data transmission cables



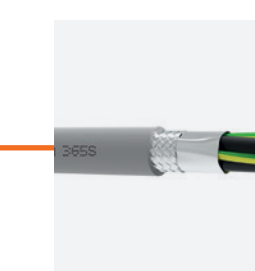
Series 8110/8110S TC-ER/MTW cables



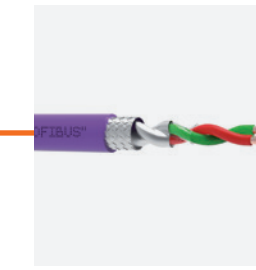
Safety Labels



Series 361S AWM/VFD cables*



Series 365S TC-ER/VFD cables*



Data transmission cables

* Protected in raceways or in compartments or wireways within the column or base of a machine. Refer to the application Standards for more details.

NFPA 79. Electrical Standard for Industrial Machinery. The provisions of this standard shall apply to the electrical/electronic equipment, apparatus, or systems of industrial machines operating from a nominal voltage of 600 volts or less, and commencing at the point of connection of the supply circuit conductors to the electrical equipment of the machine.

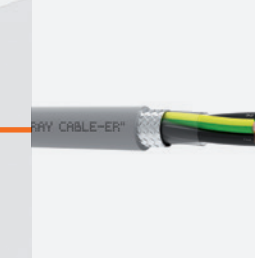
C22.2 No. 301. Industrial electrical machinery. This Standard is intended to specify the applicable electrical requirements for industrial machinery needed to satisfy the electrical installation codes and practices for Canada. This Standard is intended to be used in conjunction with the Canadian Electrical Code, Part I where all mandatory installation requirements for Canada are specified.

NFPA 70. National Electrical Code. This code covers the installation of electrical conductors, equipment, and raceways; signaling and communications conductors, equipment, and raceways; and optical fiber cables and raceways for public and private premises, including buildings, structures, and industrial substations. Installations of conductors and equipment that connect to the supply of electricity. Installations used by the electric utility, such as office buildings, warehouses, garages that are not an integral part of a generating plant, substation, or control center.

C22.4. Canadian Electrical Code. This Code applies to all electrical work and electrical equipment operating or intended to operate at all voltages in electrical installations for buildings, structures, and remises, including factory-built relocatable and non-relocatable structures, and self-propelled marine vessels stationary for periods exceeding five months and connected to a shore supply of electricity continuously or from time to time.

UL 508a. Industrial Control Panels. These requirements cover industrial control panels intended for general industrial use, operating from a voltage of 600 volts or less. This equipment consists of assemblies of two or more power circuit components, such as motor controllers, overload relays, fused disconnect switches, and circuit breakers, or control circuit components, such as pushbuttons, pilot lights, selector switches, timers, and control relays, or a combination of power and control circuit components, with associated wiring, and terminals. These components are mounted on, or contained within, an enclosure, or are mounted on a sub-panel.

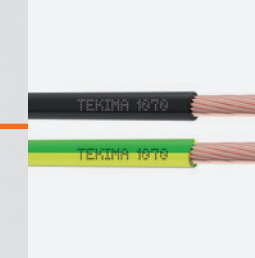
C22.2 No. 286. Industrial control panels and assemblies. This Standard applies to control panels and assemblies rated at not more than 1500 V, intended to be installed and used in non-hazardous locations in accordance with the rules of the Canadian Electrical Code, Part I.



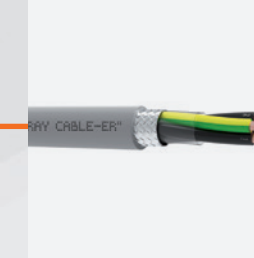
Series 8110/8110S TC-ER/DirBur cables



Safety Labels



Series 1070/1075 Single core cables



Series 8110/8110S TC-ER/AWM cables

A quick and easy **cable search** with our new **Cables Store** online catalog.



www.tekima.com/video-en/cables-store

Find the **Safety Label** , choose the language, print the data sheet in our online catalogue **Labels Store** .



www.tekima.com/video-en/labels-store

DIMENSIONS Search...

Number of results: 46

Results per page: 10

Number of cores: 4

Number of pairs: Example: 2

Cross section [mm²]: 2,5

Cross section [AWG/kcmil]: All

Color of conductors: All

Cable diameter [mm]: 14 - 87,2

Multi group cables only

FEATURES

USE

APPROVALS

Reset filters

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<p>CV04G250_01000_GR</p> <p>Series: TEKIMA 100 "Flextek" Designation: TEKIMA 100 "Flextek" - 4G2,5 mm² - 450/750 V Application: Power and control Use: Fixed and occasional flexing applications Approvals: CE, CPR Technical datasheet: Download catalog datasheet</p> <p>Go to detail</p>
<p>CV04G250_01000_NE</p> <p>Series: TEKIMA 100 "Flextek Black" Designation: TEKIMA 100 "Flextek Black" - 4G2,5 mm² - 450/750 V Application: Power and control Use: Fixed and occasional flexing applications Approvals: CE, CPR Technical datasheet: Download catalog datasheet</p> <p>Go to detail</p>
<p>CV04G250_01005_GR</p> <p>Series: TEKIMA 100S "Flextek" Designation: TEKIMA 100S "Flextek" - (4G2,5) mm² - 450/750 V Application: Power and control Use: Fixed and occasional flexing applications Approvals: CE, CPR Technical datasheet: Download catalog datasheet</p> <p>Go to detail</p>
<p>CV04G250_01005_NE</p> <p>Series: TEKIMA 100S "Flextek Black" Designation: TEKIMA 100S "Flextek Black" - (4G2,5) mm² - 450/750 V Application: Power and control Use: Fixed and occasional flexing applications Approvals: CE, CPR Technical datasheet: Download catalog datasheet</p> <p>Go to detail</p>
<p>CV04G250_01050_GR</p> <p>Series: TEKIMA 105 "Flextek-B" Designation: TEKIMA 105 "Flextek-B" - 4G2,5 mm² - 600/1000 V Application: Power and control Use: Fixed and occasional flexing applications Approvals: CE, CPR Technical datasheet: Download catalog datasheet</p> <p>Go to detail</p>

FEATURES Search...

Results per page: 12

Category: All

Risk level: All

Material: All

Version: All

RESEARCH

Research metod: Search for single words

ARRANGEMENT

Order by: Newer

<p>TK.LB.W0340S.AEC</p> <p></p> <p>Version: Small Risk level: Warning Material: PVC base with adhesive liner and protective layer</p> <p>Go to detail</p>	<p>TK.LB.W0210S.AEC</p> <p></p> <p>Version: Small Risk level: Warning Material: PVC base with adhesive liner and protective layer</p> <p>Go to detail</p>	<p>TK.LB.W0090S.AEC</p> <p></p> <p>Version: Small Risk level: Warning Material: PVC base with adhesive liner and protective layer</p> <p>Go to detail</p>	<p>TK.LB.D0580S.AEC</p> <p></p> <p>Version: Small Risk level: Danger Material: PVC base with adhesive liner and protective layer</p> <p>Go to detail</p>
<p>TK.LB.D0570S.AEC</p> <p></p> <p>Version: Small Risk level: Danger Material: PVC base with adhesive liner and protective layer</p> <p>Go to detail</p>	<p>TK.LB.D0560S.AEC</p> <p></p> <p>Version: Small Risk level: Danger Material: PVC base with adhesive liner and protective layer</p> <p>Go to detail</p>	<p>TK.LB.D0530S.AEC</p> <p></p> <p>Version: Small Risk level: Danger Material: PVC base with adhesive liner and protective layer</p> <p>Go to detail</p>	<p>TK.LB.C0290S.AEC</p> <p></p> <p>Version: Small Risk level: Caution Material: PVC base with adhesive liner and protective layer</p> <p>Go to detail</p>



Solvtek simplifies the sizing and the selections of conductors, cables, heat-shrinkable tubings and conduits.

Is it possible to calculate:

- the **section**, the **voltage drop**, the **maximum length**, the **maximum load** of conductors;
- the diameter of **cables' bundle**;
- the dimensions of the most suitable heat-shrinkable tubing;
- **the size of the raceways or the cable trays**;
- the **distance of the supports**;

and finally, it is possible to validate intrinsically safe systems.

Software CAD/CAE

For your design you can find Tekima within the most widely used CAD/CAE software in the world.



www.tekima.com/en/eplan



www.tekima.com/en/spac



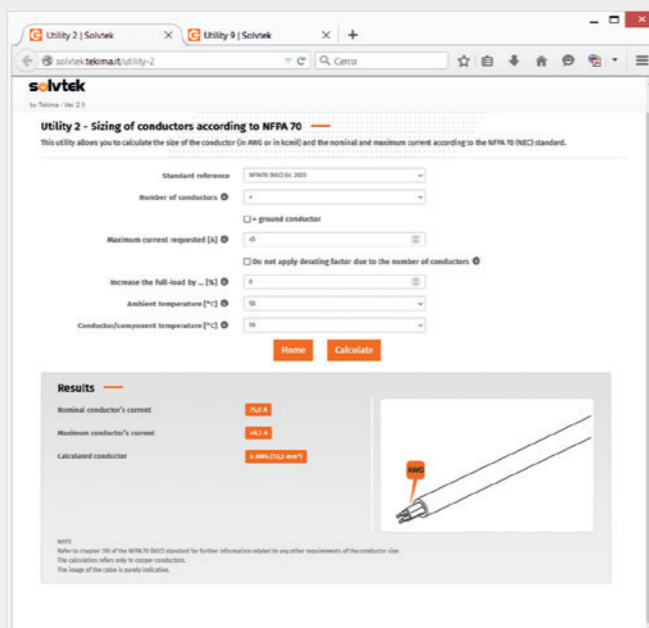
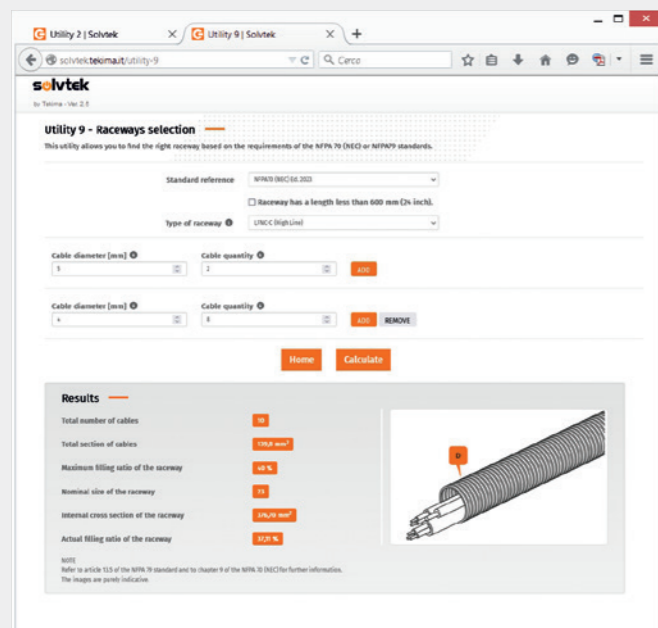
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Headquarters

Tekima S.r.l.

Via Carlo Signaroli, 3
25010 Borgosatollo
Brescia - Italia
Tel. +39 030 7288000

USA Branch

Tekima North America, Inc.

522 Springfield St
Dayton
Ohio 45403
Tel. +1 937 8004398

www.tekima.com



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