SEAMLESS CONNECTIONS. FULLY CONVINCING.

Intelligent Cable Solutions for DIY Stores

prysmian

CONNECT TO LEAD

COMPREHENSIVE CABLE SOLUTIONS FOR YOUR CUSTOMERS

THE WORLD LEADER IN ENERGY AND TELECOMS CABLE SYSTEMS

We provide high-quality cable solutions with advanced technology for lasting growth and profits. Our commitment to excellence and innovation ensures sustainable profitability. Additionally, we prioritise being a trusted partner, and our values guide our actions. Prysmian, the global leader in the energy and telecom cables sector, scored 100 points in the 2023 Dow Jones Sustainability World Index in the environmental areas of Emissions, Resource Efficiency and Circularity, Waste and Water, reaffirming its focus and attention on these topics.

HIGH QUALITY MADE IN GERMANY

CARBON FOOTPRINT

Prysmian aims to reduce its environmental impact by minimising emissions across operations, supply chains, and product lifecycles. This involves using renewable energy, energy efficient practices, and optimising production processes. Prysmian also focuses on developing low-carbon solutions to support the global shift to sustainable energy and digitalisation. By integrating sustainability into its business strategies, Prysmian aims to combat climate change while delivering quality products and services.

OUR COMMITMENT

Our commitment to a low-carbon future remains unwavering as we strive to create sustainable solutions while upholding quality standards. We prioritise sustainability and environmental protection in our daily operations, collaborating with local communities to ensure workplace safety and safeguard the areas we operate in.

OUR GOALS

Our goals focus on sustainability leadership, transitioning to a low-carbon world, and fostering an inclusive work environment. Prysmian's Climate Change Ambition aligns with the Paris Agreement, targeting emissions reduction and neutralisation. Our Social Ambition aims to enhance diversity, equality, and inclusion by 2030, empowering women and prioritising community engagement.

WHERE SUSTAINABILITY MEETS INNOVATION

Pioneering Cable Solutions for a Brighter Future

At Prysmian, sustainability is the driving force behind everything we do. Our eco-friendly cable solutions minimise environmental impact while perfectly aligning with our customers' needs. We're leading the charge in green innovation, optimising operations for resource efficiency and promoting responsible practices throughout our supply chain. Prysmian isn't just about making cables, it's about crafting a sustainable future in technology.

Join us in our quest for a greener world, where technology and environmental responsibility go hand in hand.

Did you know?

Our products contain recycled materials such as copper, PE, and PVC. We use low-carbon aluminium for products with Al conductors, and ensure that our solutions are both heat- and energy-efficient.

In the first quarter of 2024, the percentage of recycled content in polyethylene (PE) jackets and copper was 15%.

Our Sustainability Priorities

Enable accessible energy deployment and innovation.

Promote responsible resource use and sustainable supplies.

Support community and people development.

Did you know?

Our plants in the CEE region rely on eco-friendly renewable sources. In 2024, we enhanced our in-house solar energy production capacity from 6 MW to 14 MW, fostering a brighter future for sustainable energy generation.

SUSTAINABLE DEVELOPMENT GOALS

Sustainable Development Goals – Prysmian aligns its corporate framework with the 17 Sustainable Development Goals (SDGs) defined in the UN 2030 Agenda. The SDGs and their targets identify the global priorities and define an integrated plan of action for people, planet, prosperity and peace.

SCIENCE BASED TARGETS
DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

Science Based Targets – Prysmian's emissions reduction strategy aligns with the guidelines set forth by the Science Based Targets Initiative (SBTi) in accordance with climate objectives.

RESPONSIBLE MICA INITIATIVE

Responsible Mica Initiative – In 2021, Prysmian joined - as the first cables sector business - the Responsible Mica Initiative (RMI), which is a non-profit organisation dedicated to the elimination of child labour and precarious working conditions in the mica supply chain.

SMART CABLE SOLUTIONS FOR DIY APPLICATIONS

Reliable Quality. Easy Handling. Ready for Anything.

From standard installation cables to specialised solutions for smart homes, gardens, and workshops – Prysmian offers a comprehensive portfolio perfectly tailored to typical DIY applications, meeting the needs of both businesses and private customers. Our products combine ease of use, professional-grade performance, and a commitment to sustainability through responsible materials and energy-efficient designs.

QUALITY AND SAFETY YOU CAN RELY ON

Every cable is manufactured in accordance with strict German and European standards, ensuring maximum safety, durability and performance across all applications. Whether for indoor installations, outdoor use, or demanding workshop environments: our cables set the benchmark – today and in the future.

MADE IN EUROPEAN UNION

BENEFITS FOR RETAILERS (B2B)

- ✓ **Comprehensive one-stop portfolio** – reducing complexity and optimising stock management

- ✓ **High shelf appeal** – trusted brand, clear labelling, and helpful packaging options

- ✓ **Fast availability** – proven logistics and outstanding delivery performance

- ✓ **Added-value services** – from product training to marketing support

BENEFITS FOR END CUSTOMERS (B2C)

- ✓ **Easy installation** – intuitive handling, ideal for home users

- ✓ **No compromises** – professional-grade quality at DIY prices

- ✓ **Lasting performance** – robust, reliable products for long-term use

- ✓ **Versatile applications** – suitable for indoor, outdoor, and smart home projects

NYM 300/500 V

Conductor cross-section min. / max. (in mm): 1.5/35

ECONYM500 is suited for installations in buildings and in industries. It can lay in,on and under plaster in dry, humid and wet rooms in concrete without shake and tamp concrete. The cable can also be laid outdoors, but only if protected against direct sunlight. Not suitable for an installation in ground or water.

CPR COMPLIANT · VDE · DGNB Produkt geListet im Navigator

Visit Web Catalogue

NYY 0.6/1 kV

Conductor cross-section min. / max. (in mm): 1.5/500

Distribution cables, connecting cables and installation cables in power stations, industrial plants and distribution mains. Laying: in ground, in tube, free in air, indoors, in concrete and in water. UV-resistant.

CPR COMPLIANT · VDE · DGNB Produkt geListet im Navigator · UV-resistant · Direct buriable

Visit Web Catalogue

NYIF 230/400 V

Conductor cross-section min. / max. (in mm): 1.5/2.5

SIFLA NYIF flat cable is suitable for fixed installation in and under plaster, in dry rooms. For special laying regulations see DIN VDE 0100-520.

CPR COMPLIANT · VDE

Visit Web Catalogue

NHXMH B2ca s1a d1 a1 300/500 V

Conductor cross-section min. / max. (in mm): 1.5/2.5

NHXMH offers enhanced fire performance and is equally suitable for building and industrial applications. Installation is possible in or beneath plaster in dry, damp and wet environments, as well as in concrete (excluding vibrated, compacted or tamped concrete). The insulated cables can also be installed outdoors, provided they are not exposed to direct sunlight. NHXMH is not suitable for installation in the ground or in water. Also available in a Dca-rated version.

LS0H · B2ca CPR · DGNB Produkt geListet im Navigator

Visit Web Catalogue

H03VV-F 300/300 V

Conductor cross-section min. / max. (in mm): 0.5/1.5

Flexible cable for indoor application, fixed installation in ducts and household appliances where medium mechanical stresses are applied. Permitted frequent bending and twisting. Specially suitable for application in household, kitchens and offices in dry and damp conditions, e.g. washing machines, dryers, refrigerators, cookers etc., as long as the cable is adapted to essential specifications of the device. Suitable for fixed installation in furniture, partition walls, decorative linings and cavities in prefabricated construction elements.

CPR COMPLIANT

Visit Web Catalogue

H05RR-F 300/500 V

Conductor cross-section min. / max. (in mm): 0.75/4

The flexible rubber cables H05RR-F are intended for use in households and office buildings for connecting devices, in which the cable is subject to slight mechanical stresses. They are approved for permanent outdoor use under normal conditions. They are not suitable for permanent installation in water.

UV-resistant

Visit Web Catalogue

H05VV-F 300/500 V

Conductor cross-section min. / max. (in mm): 0.75/4

Flexible cable for indoor application, fixed installation in ducts, furniture, partition walls, decorative linings or appliances where medium mechanical stresses are applied. Permitted frequent bending and twisting. Specially suitable for application in household, kitchens and offices in dry and damp conditions, e.g. washing machines, dryers, refrigerators etc., as long as the cable is adapted to essential specifications of the device. Also suitable for hot devices like cookers.

CPR COMPLIANT

Visit Web Catalogue

Flextreme H07RN-F 450/750 V

Conductor cross-section min. / max. (in mm): 1 / 300

This cable is suitable for use in a wide range of environments, particularly for portable motors or machinery on construction sites or in agricultural settings – even in potentially explosive or easily flammable atmospheres.

CPR COMPLIANT | **0H** | Direct buriable | UV-resistant | Abrasion protection | High flexibility

Visit Web Catalogue

H07BQ-F 450/750 V

Conductor cross-section min. / max. (in mm): 1.5 / 16

Flexible power cables for high mechanical stresses, in particular for abrasion and grinding stresses. For use in dry, damp and wet rooms, outdoors, or connecting electrical tools and lamps, also on construction sites.

Abrasion protection | High flexibility

Visit Web Catalogue

H07V-K 450/750 V

Conductor cross-section min. / max. (in mm): 1.5 / 240

Flexible insulated conductor for installation in electrical conduits, beneath or on plaster, in dry indoor environments and in enclosed installation ducts. Direct installation in cable trays is not permitted. Also suitable for internal wiring of distribution and control cabinets. Circular conductor, Class 5.

CPR COMPLIANT

Visit Web Catalogue

H07V-U 450/750 V

Conductor cross-section min. / max. (in mm): 1.5 / 10

Rigid copper conductor with PVC insulation, intended for the transport of electricity in fixed, single-phase installations. Can be mounted in exposed or buried protective tubes. Circular conductor, Class 1.

CPR COMPLIANT

Visit Web Catalogue

TECSUN URBAN H1Z2Z2-K

Conductor cross-section min. / max. (in mm): 4 / 10

The new TECSUN Urban cable is a UV-resistant, halogen-free solar cable designed for outdoor use. Featuring a Class 5 conductor, it offers excellent flexibility even in cold conditions. TECSUN Urban is an ideal choice for rooftop installations. An environmentally friendly, third-party approved solution for residential, industrial and commercial applications.

CPR COMPLIANT | **120°C 20,000h** | Direct buriable | waterproof AD 8+ | UV-resistant

Visit Web Catalogue

JYTY-J(O) 240/240 V

Conductor cross-section min. / max. (in mm): 1 / 1

Shielded round cable for control and automation systems, with PVC insulation and sheath, designed for fixed installation. The cable's shielding is applied beneath the sheath and consists of tinned copper conductors with aluminium-PET foil. Suitable for fixed installation indoors, beneath plaster, and in installation conduits.

Visit Web Catalogue

FLRYY

Conductor cross-section min. / max. (in mm): 0.35 / 1.5

The FLRYY automotive cable is a versatile round cable with PVC sheath and cores, specifically designed for low-voltage applications in vehicles such as trailers, trucks or machinery. It offers high flexibility, resistance to oil and fuel, and excellent durability against mechanical stress and extreme temperatures (–40 °C to +105 °C) – ideal for demanding environments. The cable complies with ISO 6722-1 and is available in various cross-sections (0.35–1.5 mm^2) and multiple core colours, making integration into existing systems easier. As a silicone-, cadmium- and lead-free solution, it also provides a safe and environmentally conscious option for DIY stores seeking reliable cabling for automotive and industrial applications.
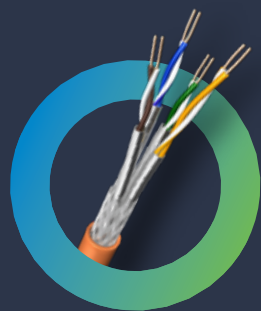
Oil resistant | High flexibility

MULTIMEDIA SOLUTIONS (FIBER OPTIC, COAXIAL AND COPPER CABLES)

UC900 – A powerful and future-proof solution for demanding indoor applications

The UC900 SS23 LSHF installation cable is a high-performance solution for structured building cabling across primary, secondary, and tertiary areas. With AWG 23 copper conductors and robust shielding (85 dB coupling attenuation), it ensures reliable performance and meets EN 50174 Type I Separation Class "D" for strong EMI protection. It supports PoE Types 1–4 for efficient power delivery to various devices. The halogen-free, flame-retardant sheath meets the high European fire class Cca s1d1a1 – making it a safe, future-proof choice for demanding indoor applications. Reliable quality, fair pricing, and versatile packaging complete the offer.
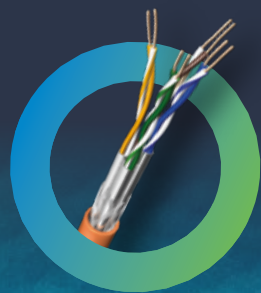
UC^HOME – Bringing digitalisation into houses and flats

The compact design of modern cabling solutions is becoming increasingly important – especially in residential areas, where cables should be as small and unobtrusive as possible. At the same time, the use of fibre optic cables in houses and flats is noticeably on the rise. **UC^HOME** offers a versatile portfolio of high-performance cables for a wide range of applications. A future-proof, space-saving solution for modern living concepts, smart home systems and multimedia applications.
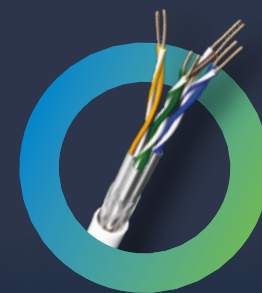
UC900 SS23 Cat. 7 LSHF

Areas of application/Applicable standards
Installation cable for use in primary, secondary and tertiary areas in structured building cabling according to EN 50173, ISO/IEC 11801 Suitable for HDBase-T, Power over Ethernet (PoE) Type 1 –4. Based on component standards for cables: EN 50288-4-1, IEC 61156-5.

Visit Web Catalogue

B2ca CPR   **Cca** CPR   POE+   GHMT   3P

UC900 HS23 Cat. 7 LSHF

Areas of application/Applicable standards
Installation cable for use in primary, secondary and tertiary areas in structured building cabling according to EN 50173, ISO/IEC 11801 Suitable for HDBase-T, Power over Ethernet (PoE) Type 1 –4. Based on component standards for cables: EN 50288-4-1, IEC 61156-5.

Visit Web Catalogue

Eca   POE+   GHMT   3P

UC^HOME Cat. 7A SS22 S/FTP

Areas of application/Applicable standards
Primary (campus), secondary (riser), tertiary (horizontal), home cabling (smart home) IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T; 10GBase-T; 25GBase-T up 30m according to ISO/IEC TR 11801-9905. Power over Ethernet (PoE) / Type 1-4. Based on component standards for cables: 50288-9-1, IEC 61156-5, IEC 61156-7.

Visit Web Catalogue

Dca CPR   POE+   25GbE   3P

UC^HOME Cat. 7 SS26 S/FTP 4P

Areas of application/Applicable standards
Installation cables for use in home wiring, primary, secondary and tertiary areas in structured building cabling according to EN 50173, ISO/IEC 11801, Power over Ethernet (PoE) / Type 1 – 4. Meets at least the requirements of class EA with a conductor diameter in AWG26 at a max. transmission length of 60m instead of 90m in the permanent link. Based on component standards for cables: EN 50288-4-2, IEC 61156-6.

Visit Web Catalogue

Cca CPR   **Dca** CPR   25GbE   3P

FUTURE-PROOF INFRASTRUCTURE FOR BUILDINGS AND RESIDENTIAL UNITS

Copper and fibre optic cables for modern communication networks

Prysmian offers a versatile portfolio of copper and fibre optic cables for almost every aspect of modern network technology – from in-building and residential cabling to professional applications in data centres. The products stand out with high bandwidths, compact designs and easy installation. Thanks to bend-insensitive fibres, direct connector assembly and practical packaging systems, future-ready network infrastructures can be implemented efficiently and with minimal space requirements.

For particularly high-performance demands, Prysmian also offers its **UC**[FUTURE] range – a selection of advanced copper and fibre optic cables for structured cabling systems.

UC[HOME] Fibre iDrop 900

Visit Web Catalogue

Areas of application/Applicable standards
The single-mode fibre optic cables are compact and available in various fibre counts, starting from 4 fibres per residential unit – with the option for more – supporting a future-proof cabling structure. The UC[HOME] Fibre iDrop 900 enables direct connector assembly and offers sufficient reserve for splice storage with drop lengths up to 50 cm. Supplied in a convenient UCHome Reelexbox, both cables feature bend-insensitive fibres compliant with ITU-T G.657.A2. Application: Network level 4, from the house transfer point (APL) to the individual residential units.

Dca CPR | **Eca** CPR

UC[FUTURE] CompactZD 26 Cat. 7 S/FTP 4P

Visit Web Catalogue

Areas of application/Applicable standards
Installation cable for use in primary, secondary and tertiary areas in structured building cabling according to EN 50173, ISO/IEC 11801. Power over Ethernet (PoE) / Type 1 - 4. This cable can be used both indoors and outdoors. Meets at least the requirements of Class EA with a conductor diameter in AWG26 at a max. transmission length of 60m instead of 90m in Permanent Link. Based on component standards for cables: EN 50288-4-2, IEC 61156-6.

Dca CPR | **POE+** | **3P** PARTY TESTING

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SMARTER CABLE SOLUTIONS, LOWER CO$_2$ EMISSIONS

Our Green Portfolio for Sustainable Data Infrastructure

GreenConnect is a sustainable, halogen-free cable solution for both indoor and outdoor use. Made with 100% recycled copper, it delivers top performance with full environmental responsibility. The Al/PET foil contains recycled content while ensuring strong mechanical properties. Its LSHF/PE jacket combines recycled and virgin materials for low-smoke, halogen-free safety. Supplied on recyclable drums made from a plastic blend, GreenConnect is produced using 100% renewable energy – for a greener future without compromise.
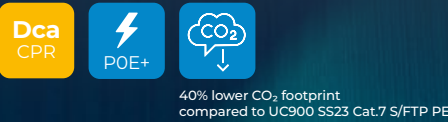
OUR THREE-PILLAR APPROACH TO SUSTAINABILITY

METALS
Recycled copper and aluminium

MATERIALS
Sustainable plastics and cable sheathing

PROCESSES
Localised, resource-efficient production

GreenConnect Cat. 7 S/FTP Indoor E$_{ca}$

Download Product Brochure

Areas of Application
Installation cable for outdoor environments. Primary (campus). IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T; 10GBase-T. Power over Ethernet (PoE) / Type 1-4.
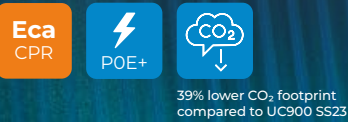
Dca CPR | **POE+** | **CO$_2$** ↓
40% lower CO$_2$ footprint compared to UC900 SS23 Cat.7 S/FTP PE

GreenConnect Cat. 7 S/FTP Outdoor PE

Download Product Brochure

Areas of Application
Primary (campus), secondary (riser), and tertiary (horizontal), home cabling (smart home). IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T; 10GBase-T. Power over Ethernet (PoE) / Type 1-4.

Eca CPR | **POE+** | **CO$_2$** ↓
39% lower CO$_2$ footprint compared to UC900 SS23

BECAUSE LOOKS COUNT TOO

Flexible Packaging Solutions – From Box to Drum

In the DIY sector, first impressions count – and that starts with packaging. Cables need to be not only high quality but also practically packed, clearly visible and ready to use. Prysmian offers a comprehensive range of packaging solutions designed to meet exactly these demands.

Whether for home improvement or professional use, our packaging supports sales at the point of sale, increases shelf visibility and provides clear orientation. We also include mounting and safety instructions to ensure easy handling – even for end users with no specialist knowledge.

From large retail displays to targeted point-of-sale campaigns – Prysmian not only delivers comprehensive cable solutions, but also smart packaging designed to support your sales. Our packaging options integrate seamlessly into your range and ensure that what's inside is matched by a strong presence on the outside.

SMARTLY PACKED

Our Packaging Options at a Glance

From quick DIY projects to professional use: Prysmian offers the right packaging for every application – always with a focus on easy handling, space-saving storage, and strong presentation at the point of sale.

- ✓ **Coils in foil** – compact, visible and ideal for quick purchases
- ✓ **Cardboard boxes with window and usage instructions** – stackable and informative
- ✓ **Plastic bobbins** – durable and reusable, also suited for workshops
- ✓ **NPS bobbins** – optimised for stacking and space-saving for shelf or counter sales
- ✓ **Wooden drums** – sturdy and proven for larger-scale needs
- ✓ **Short lengths for DIY customers** – 5 m, 10 m, 25 m, alongside standard sizes of 50 m and 100 m

PRYSMIAN: QUALITY THAT SHOWS – DOWN TO THE SMALLEST DETAIL.

CATCHING THE SUN

Solar Solutions for the Energy Transition – Right from The Balcony

Compact, efficient and increasingly popular: balcony power stations allow individuals to generate their own electricity – with minimal installation effort. Prysmian provides the essential components – simple, safe, and ready to go straight from the shelf.

With our TECSUN Urban cable, we offer a high-quality photovoltaic solution designed specifically for small-scale installations – such as balconies, garage roofs or garden sheds. Durable, flexible and weather-resistant, it meets the highest technical standards – ideal for DIY use.
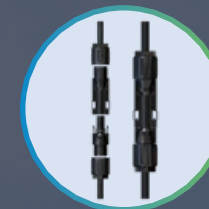
BENEFITS AT A GLANCE

- Made in the EU, TÜV-certified, halogen-free
- Waterproof to AD7 – reliable in all weather conditions
- UV-resistant
- Available in 100 m coils and 500 m reels
- Highly flexible Class 5 conductor – ideal for tight spaces, even in cold conditions
- Outer sheath made from cross-linked polymer – available in black and red

Prysmian ensures that solar energy gets where it's needed most – reliably, sustainably, and ready to use.
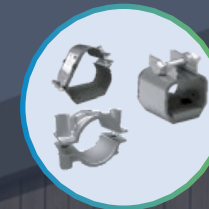
THE PERFECT MATCH

Complete Solutions for Plug-and-Play Solar Systems

Solar made simple: with the TECSUN Urban cable and perfectly matched PV connectors, Prysmian turns individual components into a complete, plug-and-play solution – safe, easy, and ready to install. The result is a true all-in-one system that turns an off-the-shelf product into real added value for any DIY solar setup. At the same time, all components meet the requirements of professional applications – offering the safety needed for long-term operation.

TECPLUG – PLUG INTO THE POWER OF THE SUN

The TECPLUG PV connector enables a quick, tool-free connection for plug-and-play solar systems – simple, safe, and perfect for self-installation.

BICON CLEATS

Our BiCon cable cleats, clips and fixings are designed and manufactured to the highest performance standards to ensure safe and efficient installation and cable routing – even in the event of short circuits or faults. They also allow for neat, organised cable management.

PRYSMIAN – BECAUSE SMART COMPLETE SOLUTIONS MAKE DIY SOLAR EASIER THAN EVER.

SMARTER LIVING

Setting the Standard for Smart Home Infrastructure

When it comes to reliable smart systems, it takes more than just connected devices. What truly matters is what lies behind them: a stable, future-proof infrastructure. This is exactly where Prysmian comes in – with a product range designed to meet the highest demands of modern building automation.

As the global leader in cable solutions, we provide the foundation for smart home systems that are built to last. Our cables ensure seamless communication between devices, stable power supply and secure signal transmission – even under demanding conditions.

TYPICAL APPLICATIONS

- **Control cables** for lighting, shading, heating and air conditioning
- **Alarm and monitoring systems** with high operational reliability
- **Data and network technology** for entertainment and communication

WHERE IDEAS CONNECT

Complete Solutions for Intelligent Building Networks

Prysmian offers more than individual components – we provide well-designed complete solutions for modern residential and commercial buildings.
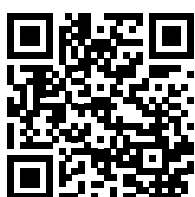
From connectivity to power supply, our cable systems are compatible with all major standards such as KNX, DALI and Zigbee, and meet the highest demands for safety, efficiency and ease of installation.

BENEFITS AT A GLANCE

- **Compatible** with leading industry standards – for maximum planning reliability
- **Durable and robust:** halogen-free, flame-retardant and mechanically resilient
- **Easy to install:** clear colour coding, precise labelling and installation-friendly packaging

Prysmian – because modern building technology starts with the right infrastructure.

prysmian

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