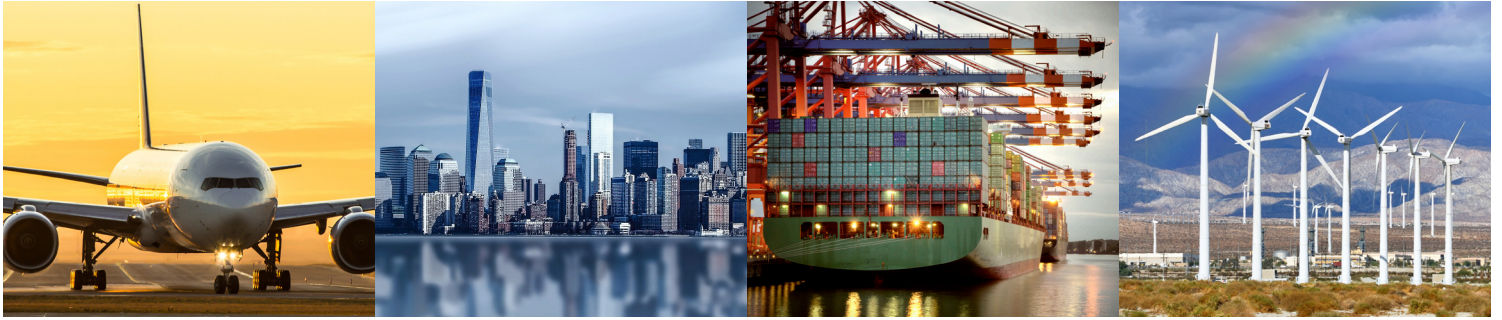


POWER GRID

Product Line Card





Prysmian - the world's largest wire and cable manufacturer

PRYSMIAN - THE GLOBAL LEADER IN CABLING TECHNOLOGY

With over 140 years of combined experience, the Prysmian is a global presence that's helping build the planet's energy and telecom infrastructures. Prysmian is a major supplier to many key energy and telecommunication projects. Prysmian delivers on the Prysmian, Draka and General Cable brands' promises – delivering the most extensive range of products, services, technologies and know-how available on the market.

In the new structure, the Energy Division will have three focused business areas of Power Distribution, Trade and Installers, and Industrial Specialty, while the Telecom Division will be active in the Optical Fiber, Data Transmission, Telecommunication Solutions, and Multimedia segments.

From spacecraft to aircraft, to the world's tallest building, the fastest train, the largest ship, the deepest submarine cable, Prysmian responds to the needs of the power industry, with projects across all continents and in every sector, from Oil & Gas to Nuclear and Renewable energies.

In telecommunications, Prysmian supplies leading-edge fiber and copper cable solutions that meet our clients' bandwidth requirements today and anticipate the applications and technologies of tomorrow.

SUPERIOR CUSTOMER SERVICE

Prysmian is strongly committed to making ongoing improvements to our logistics and distribution services. Prompt and reliable deliveries as well as product availability are part of Prysmian's success, and an important element in ensuring customer satisfaction. Prysmian has concentrated our efforts on further improving our services in terms of accuracy, efficiency, flexibility, and reliability.

Prysmian works to continuously improve customer satisfaction, and in recent years has initiated the "Supply Chain Partnership" project to consolidate relationships with customers via cooperation extended throughout the entire supply chain: from integrated demand management to cooperative planning reverse logistics, with a special focus on the environmental impact of managing and retrieving packaging.

KNOWLEDGE, TECHNOLOGY, SOLUTIONS

Prysmian is a leading developer, designer, manufacturer, supplier and installer of a broad array of wire and cables for applications in the energy and telecommunications industries. Prysmian produces electrical conductors and cables - from low voltage to extra high voltage, for land, aerial, and submarine applications, along with a vast range of accessories, and is the leader in turn-key projects for both high voltage underground and submarine cable installations.

In addition, Prysmian produces and supplies related network components and accessories and provides value-added services such as co-design, project management of cable systems, realization of turnkey projects, installation services and post-installation maintenance services, principally in the energy sector.

OUR COMMITMENT TO SUSTAINABILITY

Sustainability plays a central role for Prysmian, which seeks to promote a responsible business model by encouraging the increased integration of sustainability within the strategy adopted. Consistent with the Corporate Vision and Values, which seek to promote "the efficient, effective and sustainable supply of energy and information as the main driver for the development of communities", the Group took important steps over the past years to further integrate sustainability matters within its business activities.

TransPowr® Overhead Transmission & Distribution Conductor

Advanced Conductor Technology & High Performance Products



T-2® Motion Resistance Twisted Pair Conductors
AAC/T-2®; AAAC/T-2®; ACSR/T-2®; ZTACSR/T-2®



E3X® Technology – Heat-Dissipating Surface Coating that can be applied to any Overhead Conductor - More Power, Less Cost



High Temperature, Steel Core Conductors
ACSS & ACSS/TW: Regular Strength (MA2 steel); High Strength (MA3 steel); Ultra High Strength (MA5 steel); with E3X® Technology
ACCC/TW; ACCC/ULS/TW; ACCC/AZR/TW; with E3X technology.

Overhead Covered Line & Tree Wire



Covered AAC, AAAC & ACSR Line Wire



1, 2, or 3 layer Covered AAC, AAAC, and ACSR Tree Wire

Fiber



OPGW (Optical Power Ground Wire) is used in overhead power lines functioning as grounding and communications.

All-Dielectric Self Supporting (ADSS) fiber optic cables designed for outside plant aerial and duct applications in local and campus network loop architectures.

Overhead Covered Line & Tree Wire



Bare Overhead Conductors:

- **AAC** – All-Aluminum Conductor
- **AAC/TW** – Trapezoidal All-Aluminum Conductor
- **AAC/T-2®** – All-Aluminum Conductor/Twisted Pair
- **AAAC** – Aluminum Alloy Conductor
- **AAAC/T-2®** – Aluminum Alloy Conductor/Twisted Pair
- **AACSR** – Aluminum Alloy Conductor Steel-Reinforced
- **AACSR/TW** – Trapezoidal Aluminum Alloy Conductor Steel-Reinforced
- **ACAR** – Aluminum Conductor Aluminum Alloy-Reinforced
- **ACCC®/TW** – Trapezoidal Aluminum Conductor Composite Core
- **ACSR** – Aluminum Conductor Steel-Reinforced
- **ACSR/AW** – Aluminum Conductor Aluminum-Clad Steel-Reinforced
- **ACSR/SD** – Self-Damping Aluminum Conductor Steel-Reinforced
- **ACSR/TW** – Trapezoidal Aluminum Conductor Steel-Reinforced
- **ACSR/T-2®** – Aluminum Conductor Steel-Reinforced/Twisted Pair
- **ACSS** – Aluminum Conductor Steel-Supported
- **ACSS/AW** – Aluminum Conductor Aluminum-Clad Steel-Supported
- **ACSS/TW** – Trapezoidal Aluminum Conductor Steel-Supported
- **AWAC** – Aluminum Conductor Aluminum-Clad Steel-Reinforced
- **A1 (ASC)** – All-Aluminum Conductor
- **A2 (AASC)** – Aluminum Alloy Conductor
- **Compact (Smooth Body) ASC SB** – Compact All-Aluminum Conductor
- **Compact (Smooth Body) ACSR SB** – Compact Aluminum Conductor Steel-Reinforced

ACCC® Conductor is an internationally patented and trademark registered product of CTC Global Corporation.
Prysmian is a qualified and licensed CTC Global manufacturer of ACCC® conductor.

Steel Options

Galvanized – S1A, GA2, S2A, GA3, S3A, GA5;
Misch Metal – MA2, MA3, MA5;
Aluminum Clad – AW2, AW3

Miscellaneous Products

Aluminum Tie Wire; Bare Soft Copper Grounding; DSA CCS; Steel Overhead Ground; Steel Guy Wire

Medium-Voltage Primary Distribution Cables (URD)



EmPowr® Round Wire Cu Concentric Neutral, 5-46kV – Al or Cu Conductor TRXLPE Insulation, LLDPE Jacket – DOUBLESEAL®

OPTIONS:

STRANDSEAL® or SUPERDRI® (Rip Cords (RC) & Water Swellable Tape (WST)) Water Blocking Designs; UL Type MV-90 or UL Type MV-105; Cu Conductor; 1/C or 3 x 1/C Triplex or Parallel; EPR or Lead-free EAM Insulations; SCPE, XLPE, LSZH, or PP Jackets



EmPowr® Round Wire Cu Concentric Neutral, 5-46kV – Al or Cu Conductor EPR Insulation, LLDPE Jacket – DOUBLESEAL®

OPTIONS:

STRANDSEAL® or SUPERDRI® (Rip Cords (RC) & Water Swellable Tape (WST)) Water Blocking Designs; UL Type MV-90 or UL Type MV-105; Cu Conductor; 1/C or 3 x 1/C Triplex or Parallel; TRXLPE or Lead-free EAM Insulations; SCPE, XLPE, LSZH, or PP Jackets



EmPowr® Round Wire Cu Concentric Neutral, 5-46kV – Al or Cu Conductor Lead-free EAM Insulation, LLDPE Jacket – DOUBLESEAL®

OPTIONS:

STRANDSEAL® or SUPERDRI® (Rip Cords (RC) & Water Swellable Tape (WST)) Water Blocking Designs; UL Type MV-90 or UL Type MV-105; Cu Conductor 1/C or 3 x 1/C Triplex or Parallel; TRXLPE or EPR Insulations; SCPE, XLPE, LSZH, or PP Jackets



EmPowr® LC Shield® Longitudinally Applied Corrugated Tape Cu Shield, 5-46kV – Al or Cu Conductor TRXLPE Insulation, LLDPE Jacket

OPTIONS:

STRANDSEAL® or TRIPLESEAL® Water Blocking Design; UL Type MV-90 or UL Type MV-105; Cu Conductor; 1/C or 3 x 1/C Parallel; EPR or Lead-free EAM Insulations; XLPE or LSZH Jackets



EmPowr® LC Shield® Longitudinally Applied Corrugated Tape Cu Shield, 5-46kV – Al or Cu Conductor EPR Insulation, LLDPE Jacket

OPTIONS:

STRANDSEAL® or TRIPLESEAL® Water Blocking Designs; UL Type MV-90 or UL Type MV-105; Cu Conductor; 1/C or 3 x 1/C Parallel; TRXLPE or Lead-free EAM Insulations; XLPE or LSZH Jackets



EmPowr® LC Shield® Longitudinally Applied Corrugated Tape Cu Shield, 5-46kV – Al or Cu Conductor, Lead-free EAM Insulation, LLDPE Jacket

OPTIONS:

STRANDSEAL® or TRIPLESEAL® Water Blocking Designs; UL Type MV-90 or UL Type MV-105; Cu Conductor; 1/C or 3 x 1/C Parallel; TRXLPE or EPR Insulations; XLPE or LSZH Jackets; Thermal Resistant Aluminum Conductor Steel Reinforced

Medium-Voltage Primary Distribution Cables (URD)



PowrPak® Flat Strap Cu CN, 5-46kV (PILC Replacement) – Cu Conductor, EPR Insulation, Polypropylene Jacket

OPTIONS:

STRANDSEAL®, DOUBLESEAL® or SUPERDRI® (Rip Cords (RC) & Water Swellable Tape (WST)) Water Blocking Designs; UL Type MV-90 or UL Type MV-105; Al Conductor; 1/C or 3 x 1/C Triplex or Parallel; Lead-free EAM Insulation; LLDPE, LSZH or XLPE Jackets



PowrPak® Flat Strap Cu CN, 5-46kV (PILC Replacement) – Cu Conductor, Lead-free EAM Insulation, Polypropylene Jacket

OPTIONS:

STRANDSEAL®, DOUBLESEAL® or SUPERDRI® (Rip Cords (RC) & Water Swellable Tape (WST)) Water Blocking Designs; UL Type MV-90 or UL Type MV-105; Al Conductor; 1/C or 3 x 1/C Triplex or Parallel; EPR Insulation; LLDPE, LSZH or XLPE Jackets



EmPowr® CL™ Advantage DOUBLESEAL® Flat Strap Cu CN, 5-46kV, 1/C, Al Conductor TRXLPE Insulation, XLPE Jacket – UL Type MV-105



EmPowr® CL™ DOUBLESEAL® Round Wire Cu CN, 5-46kV, 1/C, Al Conductor, TRXLPE Insulation, XLPE Jacket – UL Type MV-105



Uniblend® Cu Tape (Helically Applied), 5-46kV, Cu Conductor, Lead-free EPR Insulation, PVC Jacket – UL Type MV-105

OPTIONS:

STRANDSEAL® Water Blocking Design; UL Type MV-90; Al Conductor; 1/C or 3 x 1/C Triplex or Parallel; CPE or GenFree® LSZH Jackets



Combined Duct & Cable

Accessories



5-35kV Elaseed® Cold-Shrink Splices



Pre-Attached Cable Pulling Lugs



5-35kV ColdFit® Cold-Shrink Terminations



5-25kV 600A Deadbreak T-Bodies

Low Voltage Underground Secondary Distribution Cables



PowrNet® 600 Volt Copper Secondary Network Cable, Flame-Retardant EAM (FR-EAM) Insulation/Low-Smoke, Zero-Halogen (LSZH) Jacket

OPTIONS:

Single, Duplex, Multiplex and Parallel Assemblies



PowrServ® XL 600 Volt Aluminum XLPE Insulation

OPTIONS:

Single, Duplex, Triplex or Quadruplex Assemblies; MasterPak® Reel-less Packaging



PowrServ® AR 600 Volt Aluminum Abuse-Resistant XLPE/HDXLPE Insulation

OPTIONS:

Single, Duplex, Triplex or Quadruplex Assemblies; MasterPak® Reel-less Packaging



PowrServ® AR SUPERSEAL® 600 Volt Aluminum Abuse-Resistant XLPE/HDXLPE Insulation, Self-Repairing Secondary Cable

OPTIONS:

Single, Duplex, Triplex or Quadruplex Assemblies; MasterPak® Reel-less Packaging



PowrServ® Tri-Rated 600 Volt AA-8000 Series Aluminum UL USE-2/RHH/RHW-2, XLPE Insulation

OPTIONS:

Single, Duplex, Triplex or Quadruplex Assemblies; MasterPak® Reel-less Packaging



PowrServ® CSA Aluminum, XLPE Insulation Service Entrance Cable USEI-75, USEI-90, Special Construction USEB-90

OPTIONS:

USEI - Duplex, Triplex or Quadruplex Assemblies



Combined Duct and Cable

Low Voltage Overhead (OH) Service Drop and Secondary Distribution Cables



PowrServ® OH 600 Volt Aluminum Service Drop Neutral-Supported, XLPE Insulation

OPTIONS:

Duplex, Triplex or Quadruplex Assemblies



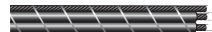
PowrServ® OH 600 Volt Aluminum Service Drop Neutral-Supported - CSA NS75, NS90

OPTIONS:

Duplex, Triplex or Quadruplex Assemblies



PowrServ® OH 600 Volt Aluminum Neutral-Supported Triplex, XLPE - Reverse Twist Secondary (RTS)



PowrServ® OH 600 Volt Aluminum Neutral-Supported Triplex, XLPE - Parallel Lashed Aerial Conductor (PLAC) Secondary

Overhead Transmission Solutions

Advanced Conductor Technology



T-2® - Intelligent bare overhead twisted pair design offers increased reliability and robust long life performance in wind and ice load conditions.



E3X® Technology – add coating to any conductor to increase line capacity or lower line losses



TW - Trapezoidal-Wire allows a reduced conductor diameter maintain aluminum cross-sectional area to lower ice and wind loading or maintain diameter and increase aluminum cross-sectional area to increase line capacity.



ACSS & ACSS/TW economical and proven reliable high temperature, low sag performance



ACCC®/TW/E3X® high-capacity, high-efficiency, low-sag; Our most advanced conductor offering to the market

Underground Network Solutions

Primary Distribution Network Cable



PowrPak® Distinctive design enables a reduction in the overall cable diameter relative to industry standard solid dielectric cables for use in today's aging and expanding urban underground primary distribution systems

Secondary Distribution Network Cable



PowrNet® Engineered low-voltage cable for use in congested urban secondary network duct and buried systems in wet or dry locations where maximum reliability, ease of installation, and flame-retardant low-smoke, zero-halogen cables are required.

Underground



PowrServ® AR SUPERSEAL® 600V Self-Repairing Secondary Cable for long term direct buried reliability



Underground High & Extra High Voltage Cable Systems -

Turnkey Cable, Accessories, Installation, Testing and Asset Management Services

Medium Voltage Distribution Solutions

Water-Blocked Systems



STRANDSEAL® – water-limiting system within the conductor



DOUBLESEAL® – water-limiting system within the conductor and underneath outer cable jacket for double moisture protection.



LC SHIELD® with TRIPLESEAL™ – water-limiting system within the conductor, over and under LC SHIELD® and underneath outer cable jacket for triple moisture protection.



SUPERDRI™ - ultimate moisture protection system (within conductor and underneath jacket) plus ease of splicing/terminating with rip cords and longitudinal water swellable tape over concentric neutral and under jacket.



EmPowr® Lead-free EAM

An environmentally-friendly lead-free EAM insulated cable formulated for high operating temperatures with demonstrated flexibility characteristics superior to traditional EPR insulated cables for easier cable handling during installation that help reduce costs.

Substation & Network Solutions



Transmission Products

Overhead conductor; HV & EHV underground transmission cable system; tie wire; bare copper ground conductor; DSA CCS

Low and Medium Voltage Cables

20-10 Control Cable; LSZH Power & Control Cables; Multi-conductor Control Cables; Ecosafe™ Network Power Cable; Power & Control Tray Cables; ALL-TEMP INDUSTRIRITE Type SH Flexible Power Cable; Substation Control Cable; Type MC Power Cable; UVS Metering Cable; VFD Power Cable; PowrNet® underground network cable; Carol® Brand temporary power cables; HV cables; control cables.

Prysmian Brand AC & DC Cable Systems for High & Extra-High Voltage Power Transmission for both Land and Submarine Connections

Products: Cables; Terminations; Joints; Accessories



Turnkey Land Services: Engineering, Design, Production, Installation and Maintenance

Turnkey Submarine Services: Desktop Study; Marine

Asset Monitoring Solutions

What is the Pry-Cam Asset Monitoring System?

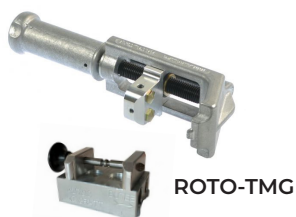
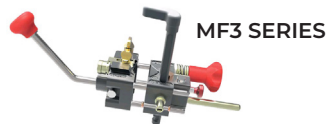
- Monitoring of Partial Discharge (PD), Sensing of Acoustic (DAS), Strain (DSS) & Temperature (DTS) events, Real Time Thermal Rating (RTTR).
- Off-line services (pre-commissioning), on-line monitoring and after-sale services (maintenance /service agreement).



PRY-CAM Portable

Portable wireless device for the online spot measurement of PD (Partial Discharges).

Tools



Renewables Solutions

Renewables Collection System Cables



EmPowr® CL™ Advantage

Unique cable design permits for less copper in the concentric neutrals and a thermoset Cross-linked Polyethylene (XLPE) jacket that delivers built-in cost benefits and long-term efficiencies.



Wind Solutions

Wind Turbine & Tower Cables

OneSolar

OneSolar is Prysmian's all-in-one solution designed to accelerate the transition to clean energy by integrating high-performance cables, accessories, and smart technologies. It reflects Prysmian's broader commitment to sustainability and innovation, delivering reliable, eco-friendly products. By anticipating market needs and leveraging deep R&D expertise, OneSolar empowers customers to build smarter, more resilient solar infrastructure.

ALESEA

Reel Tracking Technology & Inventory Management

Alesea is your virtual assistant for **cable inventory management** and **reel tracking**. It turns the cable drum from a simple package into an **intelligent asset** that helps you to improve your **operational efficiency**.



Reelooop

Prysmian's Reelooop Reel Return Service leads the cable industry towards a sustainable future by extending the lifecycle of wooden reels and significantly reducing waste through innovative, technology-driven reel management solutions



na.prysmian.com

PDN-0003-0326

Follow us

