



# EVERY DETAIL UNCOVERED

Connecting Precision with Reliability



The planet's pathways

# 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.





## 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 minimize environmental impact while perfectly aligning with our customers' needs. We're leading the charge in green innovation, optimizing 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.

### Our Sustainability Priorities



Enable accessible energy deployment and innovation.



Promote responsible resource use and sustainable supplies.



Support community and people development.



### Did you know?

Prysmian formalized two strategic ambitions: The Climate Change Ambition, aiming at leading the low-carbon transition, and the Social Ambition, enhancing diversity, equality, health, safety, and inclusion. This commitment is further underscored by **Prysmian's Ethical Code of Conduct**, encompassing environmental responsibility and human rights.

Prysmian has set the ambitious target of reaching net-zero greenhouse gas emissions across our entire value chain by 2035.

## CLIMATE AMBITION – ACCELERATING THE NET ZERO GOAL BY 2035



### SCOPE 1 & 2

**90% CO<sub>2</sub> reduction by 2035**

We are reducing direct emissions by switching to electricity from zero-carbon and renewable energy sources, improving energy efficiency and phasing out fossil fuels across our operations.



### SCOPE 3

**Net zero by 2035**

We are working with suppliers to build responsible, low-emission supply chains that reduce environmental impact beyond our own operations.



Globally, Prysmian reduced Scope 1 and 2 emissions by 37% and Scope 3 emissions by 54% in 2024 compared to the 2019 baseline. 43.1% of our global revenue now comes from sustainable products, supported by increased recycled content in PE jackets and copper.



**The Copper Mark** – Prysmian became a Copper Mark partner in June 2024, the leading assurance framework promoting responsible practices throughout the copper value chain. This partnership highlights Prysmian’s commitment to sustainable development and responsible sourcing of materials.



**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.

# POWERING PRECISION



## Advanced Healthcare Imaging Cable Systems

Medical imaging demands precision – every detail counts. Prysmian delivers customised cable systems for today's most advanced diagnostic and therapy devices – from CT scanners and angiography systems to high-voltage therapy equipment and MRI.

Designed for reliability and efficiency, our cable solutions ensure accurate imaging while meeting the strict requirements of modern healthcare. With proven expertise and flexible engineering, we support manufacturers in delivering equipment healthcare professionals can trust.

## Key Features

- ✓ **VOLTAGE RANGE FROM 50-250 KV** – Tailored to meet the requirements of advanced imaging systems such as CT, angiography, and MRI
- ✓ **EXCEPTIONAL FLEXIBILITY** – Designed for constant motion and tight bending radii in rotating gantries and moving scanner parts
- ✓ **CONSISTENT IMAGING PERFORMANCE** – Ensuring high signal quality, safe operation, and long service life in critical diagnostic environments
- ✓ **SEAMLESS INTEGRATION** – Cables and connectors are engineered as one assembly, reducing system complexity and enabling accurate, reliable imaging results

Engineered for clarity, designed for precision –  
at the heart of medical imaging.

## HEALTHCARE & SECURITY APPLICATIONS: CABLES & SYSTEMS



HV-COUPLER



HV-CABLE 150 kV



O-PLUG 75 kV

# POWERING TRUST



## Strong Security Scanning Cable Solutions

Security scanning is critical to global safety – and it depends on technology that never fails. Prysmian develops customised cable systems for passenger control, baggage scanners, and cargo inspection, helping to protect millions of people every day.

Our solutions are designed for continuous use in demanding environments such as airports, border checkpoints, and other high-security facilities, where uptime and reliability are essential.

## Key Features

- ✓ **RELIABLE TRANSMISSION FROM 50–250 KV** – Built for continuous use in high-energy security scanners for baggage, cargo, and passenger control
- ✓ **HIGH MECHANICAL DURABILITY** – Engineered to withstand long duty cycles and intensive daily operation in airports and border checkpoints
- ✓ **COMPACT, ADAPTABLE DESIGNS** – Optimised for confined installation spaces and varying system architectures in modern scanner technology
- ✓ **MAXIMUM UPTIME** – Complete solutions combining cables, connectors, and harnessing minimise failure points and keep security scanners operating without interruption in safety-critical environments

Built to last, trusted to protect – in every critical moment.



FLAT-PLUG 75 kV



PKS-PLUG 75 kV



BLIND-PLUG

# ENGINEERING UNIQUENESS

## Tailor-Made Solutions Crafted for Precision and Reliability

Every Prysmian X-Ray cable is one of a kind. Unlike standard products, we design and manufacture systems exclusively for each application, with cables and connectors engineered as one fully integrated unit. This ensures seamless functionality and long-term reliability.

Our scope goes far beyond cables. As a one-stop manufacturer, we also integrate connectors, accessories, and complete harnessing into every tailor-made solution – reducing interfaces and ensuring consistent quality.



### HARNESSING PROCESS FLOW

To guarantee consistent quality, every product follows a clearly defined process:

- ✓ **Cut & spool** – Cables prepared to exact length
- ✓ **Pre-assembly** – Adapted to customer specifications
- ✓ **Harnessing & integration** – Manual precision meets flexibility
- ✓ **Final testing** – Quality assured before shipment

This tailor-made approach combines precise engineering and master craftsmanship. The outcome: ready-to-install cable systems that save integration time and deliver proven performance across healthcare and security applications.



# PARTNERSHIP IN EVERY CONNECTION

## Service, Speed, and Flexibility – Beyond The Expected

At Prysmian, we believe that technology alone is not enough – true success is built on partnership. That's why our customers don't just receive cable systems – they gain a reliable partner who is responsive, flexible, and committed to their success. From the very first contact to final delivery, we stand by your side with transparent communication, technical expertise, and service you can count on.

### Why Prysmian?



- ✓ Short delivery times (approx. 8 weeks incl. assembly)
- ✓ Open communication and personal service
- ✓ Flexibility to adapt to any customer-specific requirement
- ✓ Proven reliability with minimal downtime and maximum support
- ✓ One-stop-shop solutions – from components to complex cable systems

Choosing Prysmian means choosing peace of mind. Customers benefit from efficient logistics, responsive service teams, and a partner who is always available – no matter what.

By combining engineering excellence with service commitment, we deliver more than cable systems – we deliver confidence, continuity, and long-term success.

Today we build tomorrow's X-Ray cable solutions – faster, smarter, and more reliable than ever before.

# NEUSTADT – THE HEART OF X-RAY INNOVATION

Prysmian's Centre of Excellence for X-Ray Cable Technology



For more than three decades, Prysmian's Neustadt site in Germany has been at the forefront of X-Ray cable technology. As a dedicated Centre of Excellence, it unites proven expertise with ongoing innovation – powering solutions trusted by healthcare and security industries across the globe.

## OUR NEUSTADT SITE AT A GLANCE

- Exclusive Prysmian site worldwide specialised in X-Ray cable solutions
- Cutting-edge X-Ray testing and measurement equipment
- Over three decades of experience in medical and security applications
- Deep engineering expertise and focus on customer-specific solutions

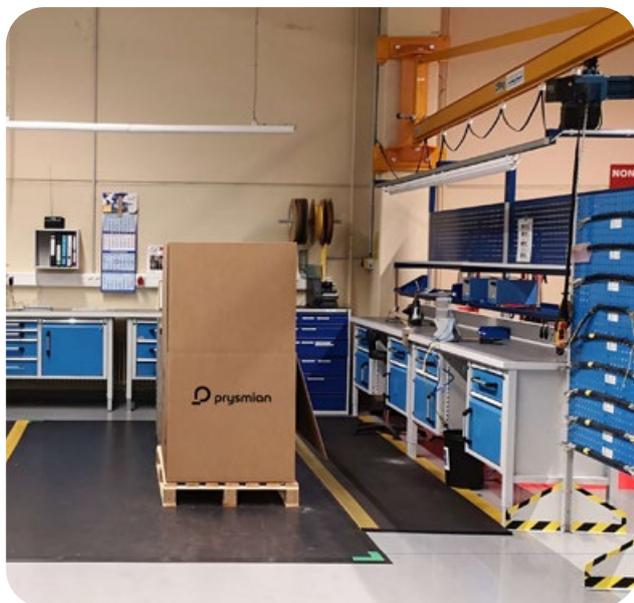
As Prysmian's global competence centre for X-Ray solutions, the Neustadt facility is recognised for delivering outstanding quality and complete, ready-to-install cable products. Customers rely on Prysmian's expertise, with solutions tailored to their specific requirements and manufactured with German precision.

Partner with us and benefit from a competence centre that powers X-Ray cable innovation.

# CRAFTED BEYOND AUTOMATION

## Mastery in Every Detail

True reliability is never mass-produced. At our Neustadt facility in Germany, every X-Ray cable system is handcrafted by specialists, combining human skill with engineering excellence. Where machines reach their limits, our experts achieve the precision that defines Prysmian quality.



### OUR QUALITY PROMISE



Meticulous hand assembly,  
step by step



Advanced resin casting and  
insulation methods



Rigorous testing: high-voltage  
up to 200 kV, 3D measurement  
controls



Lead times as short as 8 weeks –  
even for complex systems

This combination of craftsmanship and state-of-the-art testing guarantees maximum reliability. Our customers benefit from flexible, customised solutions and the security of working with a partner who values both innovation and attention to detail.



### Did you know?

Neustadt is the global hub of Prysmian's  
X-Ray expertise.



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