

# DISCOVER E Path!

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E Path



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The planet's pathways

# E Path: A CONCEPT RELATED TO A LOW-IMPACT PORTFOLIO

**E Path\***, a new and enhanced concept related to a low-impact portfolio, is our pledge to provide transparent and clear indications and information, using recognized criteria, on the sustainability of our cables and solutions based on our three key drivers: **SUSTAINABILITY**, **RELIABILITY** and **QUALITY**.

\* E Path replaced ECO CABLE, the first low-impact solution in the cable industry.

**E Path** makes homes,  
offices and infrastructure  
more sustainable.

## SUSTAINABILITY

**E Path** concept is strongly connected to the group's sustainability strategy "Sustain, to lead" – a commitment to net-zero goals via sustainable cables and solutions. We are committed to ensuring the sustainability of our processes and to safeguarding the environment. We work alongside local communities to support the energy transition, development, and digitisation of communities. We are aligned with UN's Sustainable Development Goals (SDG), we collect and evaluate our efforts.

[baltics.prysmian.com](https://baltics.prysmian.com)

# TRANSPARENT CABLE ASSESSMENT

**E Path** concept uses measurable and internationally recognized assessment criteria to determine the environmental impact of our cables and solutions. The **E Path** label is provided to a cable or solution that achieves a sufficiently high total score in relation to the six assessment criteria:

**01 CARBON FOOTPRINT**  
Calculated with a 'cradle-to-gate' approach and combined with other parameters to achieve a full 'cradle-to-gate' carbon footprint.

**04 RECYCLING INPUT RATE**  
Confirms the presence of recycled material in a cable, both purchased from external suppliers and reused by Prysmian itself.

**02 SUBSTANCES OF VERY HIGH CONCERN**  
**E Path** products must be free of substances that are carcinogenic, mutagenic, toxic for reproduction, or hazardous for the environment.

**05 ENVIRONMENTAL BENEFITS**  
Applies to low-carbon enabling products, CPR-compliant cables, and cables used for green energy sources.

**03 RECYCLABILITY/ CIRCULARITY**  
Indicates that materials used in the cables are potentially recyclable or the products themselves are potentially fully recyclable.

**06 CABLE TRANSMISSION EFFICIENCY**  
The more efficient the cable, the more sustainable its performance.

# CABLES LABELLED WITH **E Path**

The **E Path** label is provided to selected cables which have achieved sufficient assessment points to obtain a higher environmental performance.

	CPR CLASS	VOLTAGE	MIN HANDLING TEMPERATURE	INSTALLATION
<b>MK-HF C-Pro</b>				
	Cca-s1d1a1	450/750V	-25°C	Insulated wire for fixed installation in a conduit, and fixed internal wiring in appliances
<b>MKEM-HF C-Pro</b>				
	Cca-s1d1a1	450/750V	-25°C	Insulated wire for fixed installation in a conduit, and fixed internal wiring in appliances
<b>XPJ-HF C-Pro</b>				
	Cca-s1d1a1	300/500V	-15°C	Installation cable for fixed indoors and outdoors use
<b>XPK-HF C-Pro</b>				
	Cca-s1d1a1	0,6/1kV	-15°C	Copper power cable for fixed indoors and outdoors use

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## MCMK-HF C-PRo and MCCMK-HF C-PRo



Cca-sld1a1

0,6/1kV

-15°C

Copper power cable for fixed indoors and outdoors use

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## AXCMK-HF C-PRo and AXCCMK-HF C-PRo



Cca-sld1a1

0,6/1kV

-15°C

Aluminium power cable for fixed indoors and outdoors use

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## MMO-HF C-PRo ja MCCMO-HF C-PRo



Cca-sld1a1

450/750V

-15°C

Coper cable for fixed control, measuring and signal circuits

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## KLMA-HF C-PRo



Cca-sld1a1

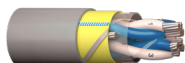
50V

-5°C

Signalling cable for building control and supervision centres, security systems and building automation

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## NOMAK-HF C-PRo ja JAMAK-C -HF C-PRo



Cca-sld1a1

250V

-5°C

Industrial data cable for control and supervision circuits

# E Path DOCUMENTATION

Cables labelled with **E Path** are in addition to data sheet provided with transparent **E Path** documentation. Please note that shown documents are examples and subject to change.



draka  
A Prysmian brand

**XP3-HF C-PRO**  
Halogen free installation cable with copper conductors



**APPLICATION**


Halogen free and flame retardant cable. Smoke generation in the event of fire is small, management (no facilitates evacuation) and not harmful to electronic equipment. For fixed surface or flush-mounted installations, indoors and outdoors. Suitable for installation in a slot covered with plaster. Not for installation directly in ground or directly in concrete. Cable needs protection from direct sunlight.

Discover E Path: <https://www.prysmian.com/e-path>

**CERTIFICATIONS AND DESIGN STANDARDS**

<p><b>EN 60332-1-2</b> <b>EN 60332-3</b></p> <p><b>EN 60730-3/EN 60730-6</b></p> <p><b>EN 60320</b> <b>IEC 60754</b> <b>HD 60954-4-52</b> <b>HD 609 52</b> <b>EN 60521</b></p> <p>Conductor material Conductor surface Core insulation material Cable identification (acc. HD 308 02) Material outer sheath</p>	<p>Vertical flame propagation for a single insulated wire or cable Tests for electric and optical fibre cables under fire conditions. Part 3: Test for vertical flame spread of vertically-mounted bunched wires or cables. Cables for general applications in construction works subject to reaction to fire requirements Conductor standard Conductive gels Selection and erection of electrical equipment, Wiring systems. Identification of cores in cables and flexible cords Low voltage energy cables of rated voltages up to and including 450/750 V (USE1)</p> <p>Copper Bare ALPC Yes Halogen-free polymer</p>
<p>Max. conductor temperature [°C] Resistance to UV Permitted cable outer temperature during assembly/installing [min] [°C] Bending radius [x d] Flame retardant Halogen free (acc. IEC 60754-2) Low smoke (acc. IEC 61034-1) Reaction to fire class (acc. EN 13501-1) Sustainable development class (acc. EN 13501-1) Euro class marking (performance class) (acc. EN 13501-1) EcoVeto class (acc. EN 13501-1)</p>	<p>70 No No EN 50565-1</p> <p>In accordance with EN IEC 60332-3 acc. IEC 60754-2 Yes Yes C0a B1 B1</p>

Data sheet



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**prysmian**  
**E Path**

**Prysmian E Path**  
**XP3-HF C Pro 300/500 V**  
Halogen-free installation cable

E Path is a concept related to a low-impact portfolio. The concept is compliant with new [European regulations](https://www.prysmian.com/e-path), [EU standards](https://www.prysmian.com/e-path), and certified by a Bureau Veritas.

**1. CO<sub>2</sub> footprint**  
Inspired by ISO 14067

Product	kg CO <sub>2</sub> e / km
XP3-HF C Pro 500V 2X15	322
XP3-HF C Pro 500V 3X15	421
XP3-HF C Pro 500V 3X25	425
XP3-HF C Pro 500V 4X15	563
XP3-HF C Pro 500V 5X15	683
XP3-HF C Pro 500V 2X2.5	492
XP3-HF C Pro 500V 3X2.5	650
XP3-HF C Pro 500V 3X7.5	650
XP3-HF C Pro 500V 4X7.5	923
XP3-HF C Pro 500V 5X7.5	1039
XP3-HF C Pro 500V 3CA DE	1121
XP3-HF C Pro 500V 4CA DE	1535
XP3-HF C Pro 500V 5CA DE	1874
XP3-HF C Pro 500V 3CA DE	1498
XP3-HF C Pro 500V 4CA DE	1929
XP3-HF C Pro 500V 5CA DE	2560
XP3-HF C Pro 500V 3/0 DE	2376
XP3-HF C Pro 500V 4/0 DE	3099
XP3-HF C Pro 500V 5/0 DE	3886

**2. Substances of very high concern**  
REACH regulation 1831/2006  
The cables do not contain any REACH SVHC listed raw materials and comply with the requirements of the RoHS Directive.

**3. Recyclability/circularity of the product**  
ISO 15702:2008  
The metals used in the cables are 100% recyclable. Other materials used in the cable are 85.5% recyclable.

**4. Recycled input**  
ISO 15702:2008  
XP3-HF C pro cable family does not contain recycled materials.

**5. Environmental benefits**  
EN 50575 A20Lw and EU Climate Bond Initiative  
The cables are designed for conventional and reduced CO<sub>2</sub> installations. Cables improve fire resistance and belong to the CPE fire resistance class Cca-s1st1.

**6. Cable transmission efficiency**  
Based on IEC 60502/1, IEC 60522, IEC 60844, IEC 62007 standards and considering Joule losses  
The rated voltage of the cables is below 1kV which is classified as low transmission efficiency category.

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E Path documentation

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# ENVIRONMENTAL LABELLING

Environmental labels provide information about a product or service in terms of its overall environmental character, a specific environmental aspect, or different aspects. It's possible to differentiate 3 types: I. labelling schemes, II. environmental claims that refer to an environmental aspect and III. independently verified and registered documents.

Type I is a voluntary multi-criteria ecolabel program assessed by an independent third party who considers the life cycle impacts of a product. Awarded certification authorizes the use of environmental labels on products and indicates overall environmental preferability of a product within a product category. The awarding body may be either a governmental organization or a private non-commercial entity. Examples: EU Ecolabel, Nordic swan and German Blue Angel.

Type II is a self-declared claim made by manufacturers or retailers without third-party auditing. Developed internally by companies, claims can take the form of a declaration, a logo, or a commercial. Prysmian's **E Path** is currently type II label.

Type III is an environmental product declaration consisting of quantified product information on the life cycle impacts. Instead of assessing or weighting the environmental performance of a product, this type of label only shows the objective data. For example, Environmental Product Declaration (EPD) communicates transparent information about the life-cycle environmental impact of products but does not imply that the declared product is environmentally superior to alternatives — it is simply a transparent declaration of the life-cycle environmental impact.



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