

Straightforward.

Our complete building wire offer is the top choice.



Prysmian
Group

COMMITTED TO SERVICE

Top quality cables developed to fulfill the exact and specific need.

To make sure we can provide you with all the cables that you need, we make recurring investments in our Romanian manufacturing plants. By making sure we are up to date, we are always ready to provide customers and communities worldwide with cable solutions based on state-of-the-art technology, consistent excellence in execution and in-depth understanding of the needs of an evolving market.

As the tough gets going, and you need a manufacturer that can live up to tighter and tighter delivery times as well as products fit for the future, you can rest assured we are ready to deliver.

Do you want to know more?

Visit our website: www.prysmiangroup.ro



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Group

Our complete building wire offer is the top choice.

From the ground outside a building to every function inside it, we have Romanian made wires and cords that will provide secure, reliable power to buildings and structures. And you can rest assured that everything manufactured in our plant will live up to, or exceed, every relevant standard and regulation on the market. This also translates in a long service life for all our products. Prysmian Group cables are a straightforward choice!



What we offer

Prysmian Romania manufactures a range of electric cables appropriate for building wire applications. Our portfolio includes products suitable for all domestic wiring circuits found in a typical home and every item is produced to the highest standards of quality. Our products exceed current regulations, so you can be confident about the reliability of any cabling or accessories we provide.

To our strengths we'd also like to add our ability to deliver on time and have a well-developed process for product availability. Other important advantages are inventory, cost leadership, channel management and customer relationships. Plus, we provide you with all the services that you might need: before, during and after purchase.

Made locally

At Prysmian Romania, we provide customers and communities in Europe and beyond with cable solutions based on state-of-the-art technology, consistent excellence in execution and in-depth understanding of the needs of an evolving market. At our plant in Slatina we have specialised in designing and manufacturing safe and long-lasting building wires.

And should that not be enough, we are part of the largest cable manufacturer in the world, Prysmian Group. Through three renowned commercial brands – Prysmian, Draka and General Cable – based in almost 50 countries, we're constantly close to our customers, enabling them to further develop the world's energy infrastructures, and achieve sustainable, profitable growth.

Look no further!

Prysmian Group power cords will fit your appliances perfectly.

No matter if it's a washing machine, power tool or industrial appliance, our power cords will be the perfect fit. With the highest quality performance, longer service life than comparable products on the market and the ability to tailor the cords to your specific requirements, you can rest assured they'll fill the shoes.







Products

CONDUCTORS AND CABLES WITH PVC SHEATH / PAGE 6

Designed to be installed indoors, or outside in trench or ducts.

FLEXIBLE PVC INSULATED INSTALLATION CONDUCTORS AND CABLES / PAGE 8

These cords are highly flexible and easy-to-handle. Designed for all types of electrical installations in buildings, for household appliances, devices and lamps.

LOW SMOKE ZERO HALOGEN CONDUCTORS AND CABLES / PAGE 10

Designed for fixed installations in buildings and areas with high risk of fire and high number of people, such as factories, airports, subways and train stations, schools, offices, stores and also home residences.

Certified products

As **member of Europacable** we respect and apply the EU regulation - we have building cables **certified CPR** at the best international laboratories - such as VDE.

Prysmian CPR label equals unquestionable quality.

(N)YM-J



Low voltage cable for indoor applications or outdoor laying in trench, in cable ducts, protected from solar radiation.

(N)YM-J	
Construction standard	ÖVE/ÖNORM E 8242:2014
Rated voltage (U ₀ /U)	300/500 V
No. of cores	2x; 3x; 4x; 5x; 7x
Conductor material	Copper
Insulation	Polyvinylchloride (PVC)
Outer sheath	Polyvinylchloride (PVC)
Laying temperature min.	-5 °C
Max. operating temperature	70 °C
Short circuit temperature	160 °C
Fire classification CPR class	Eca

H07V-U



Low voltage conductors for indoor application, household appliances, fixed installation in ducts and under plaster.

H07V-U	
Construction standard	EN 50525-2-31
Rated voltage (U ₀ /U)	450/750 V
No. of cores	1x
Conductor material	Copper
Insulation	Polyvinylchloride (PVC)
Outer sheath	-
Laying temperature min.	-5 °C
Max. operating temperature	70 °C
Short circuit temperature	160 °C
Flame retardant	Acc. to EN/IEC 60332-1-2

AFY



Low voltage power cables with PVC insulation for fixed electrical installations in protective tubes. Suitable for installing in tubes, in ducts or in free air where the PVC jacket is not attacked by corrosive agents.

AFY	
Construction standard	IEC 60502-1
Rated voltage (U ₀ /U)	450/750 V
No. of cores	1x
Conductor material	Aluminium
Insulation	Polyvinylchloride (PVC)
Outer sheath	-
Laying temperature min.	-5 °C
Max. operating temperature	70 °C
Short circuit temperature	160 °C
Flame retardant	Acc. to EN/IEC 60332-1-2

AFYI



Low voltage power cables with weather resistant PVC insulation for fixed outdoor applications. Suitable for installing in tubes, ducts or in free air where the PVC jacket is not attacked by corrosive agents.

AFYI	
Construction standard	IEC 60502-1
Rated voltage (U ₀ /U)	0,6/1 kV
No. of cores	1x
Conductor material	Aluminium
Insulation	Polyvinylchloride (PVC)*
Outer sheath	-
Laying temperature min.	-5 °C
Max. operating temperature	70 °C
Short circuit temperature	160 °C
Flame retardant	Acc. to EN/IEC 60332-1-2

*Weather resistant PVC

CYY-F



Low voltage cables for fixed application, protected from solar radiation. Can be installed direct buried, in trench or in ducts where mechanical protection is not required and the PVC jacket is not attacked by corrosive agents.

CYY-F	
Construction standard	IEC 60502-1
Rated voltage (U ₀ /U)	0,6/1 kV
No. of cores	1x; 2x; 3x; 4x; 5x
Conductor material	Copper
Insulation	Polyvinylchloride (PVC)
Outer sheath	Polyvinylchloride (PVC)
Laying temperature min.	-5 °C
Max. operating temperature	70 °C
Short circuit temperature	160 °C
Flame retardant	Acc. to EN13501-6

NYY



E_{ca}

UV-resistant low voltage cables for fixed outdoor and indoor applications in ground, in tube, free in air, in concrete and in water. The cables should be installed where the PVC jacket is not attacked by corrosive agents.

NYY	
Construction standard	HD 603
Rated voltage	0,6/1 kV
No. of cores	1x; 2x; 3x; 4x; 5x
Conductor material	Copper
Insulation	Polyvinylchloride (PVC)
Outer sheath	Polyvinylchloride (PVC)
Laying temperature min.	-5 °C
Max. operating temperature	70 °C
Short circuit temperature	160 °C
Fire classification CPR class / Flame retardant	E _{ca} / Acc. to EN/IEC 60332-1-2

E-YY



Power distribution cable for fixed installation indoors, in cable ducts, outdoors and in water, according to the applicable erection standards, if no risk of mechanical damage is to be expected.

E-YY	
Construction standard	OVE ONORM E8200-603
Rated voltage (U ₀ /U)	0,6/1 kV
No. of cores	1x; 2x; 3x; 4x; 5x
Conductor material	Copper
Insulation	Polyvinylchloride (PVC)
Outer sheath	Polyvinylchloride (PVC)
Laying temperature min.	-5 °C
Max. operating temperature	70 °C
Short circuit temperature	160 °C
Flame retardant	Acc. to EN/IEC 60332-1-2

H05V-K



Flexible cable for domestic fixed installations of general use. Suitable to be used inside lighting equipment, in conduits, cable runs, switchboards, for signaling and control circuits.

H05V-K	
Construction standard	EN 50525-2-31
Rated voltage (U ₀ /U)	300/500 V
No. of cores	1x
Conductor material	Copper, class 5
Insulation	Polyvinylchloride (PVC)
Outer sheath	-
Laying temperature min.	-5 °C
Max. operating temperature	70 °C
Short circuit temperature	160 °C
Flame retardant	Acc. to EN/IEC 60332-1-2

H07V2-K



Flexible cable for indoor application, household appliances, indoor fixed installation in ducts.

H07V2K	
Construction standard	HD 21.3 - S2
Rated voltage (U ₀ /U)	450/750 V
No. of cores	1x
Conductor material	Copper, class 5
Insulation	Polyvinylchloride (PVC)
Outer sheath	-
Laying temperature min.	-5 °C
Max. operating temperature	70 °C
Short circuit temperature	160 °C
Flame retardant	Acc. to EN/IEC 60332-1-2

H03VVH2-F



Flexible cable for connections of portable appliances submitted to weak mechanical strength, like radio/TV sets and lamps in dry environments. Not suitable for heating devices.

H03VVH2-F	
Construction standard	EN 50525-2-11
Rated voltage (U ₀ /U)	300/300 V
No. of cores	2x
Conductor material	Copper, class 5
Insulation	Polyvinylchloride (PVC)
Outer sheath	Polyvinylchloride (PVC)
Laying temperature min.	-5 °C
Max. operating temperature	70 °C
Short circuit temperature	160 °C
Flame retardant	Acc. to EN/IEC 60332-1-2

H05VV-F



Flexible cable for domestic installations (mobile or semifixed). Recommended use in kitchens, offices, lighting devices, switchboards or in signaling and control circuits. For limited mechanical efforts.

H05VV-F	
Construction standard	EN 50525-2-11
Rated voltage (U ₀ /U)	300/500 V
No. of cores	2x; 3x; 4x; 5x
Conductor material	Copper, class 5
Insulation	Polyvinylchloride (PVC)
Outer sheath	Polyvinylchloride (PVC)
Laying temperature min.	-5 °C
Max. operating temperature	70 °C
Short circuit temperature	160 °C
Flame retardant	Acc. to EN/IEC 60332-1-2

H03V2V2-F



Flexible cable for fixed installation of appliances, devices and lamps in dry environments. Not suitable for long-term outdoor application.

H03V2V2-F	
Construction standard	EN 50525-2-11
Rated voltage (U ₀ /U)	300/300 V
No. of cores	2x; 3x
Conductor material	Copper, class 5
Insulation	Polyvinylchloride (PVC)
Outer sheath	Polyvinylchloride (PVC)
Laying temperature min.	-5 °C
Max. operating temperature	70 °C
Short circuit temperature	160 °C
Flame retardant	Acc. to EN/IEC 60332-1-2

H05V2V2-F



Flexible cable for fixed installation of appliances, devices and lamps in dry environments. Not suitable for long-term outdoor application.

H05V2V2-F	
Construction standard	EN 50525-2-11
Rated voltage	300/500 V
No. of cores	2x; 3x; 4x; 5x
Conductor material	Copper, class 5
Insulation	Polyvinylchloride (PVC)
Outer sheath	Polyvinylchloride (PVC)
Laying temperature min.	-5 °C
Max. operating temperature	70 °C
Short circuit temperature	160 °C
Flame retardant	Acc. to EN/IEC 60332-1-2

H07Z1-K



Insulated single core cables for indoor applications in dry rooms, fixed installation in conduits, appliance wiring and distribution stations.

H07Z1-K	
Construction standard	CENELEC HD21
Rated voltage (U ₀ /U)	450/750 V
No. of cores	1x
Conductor material	Copper, class 5
Insulation	Halogen free (LSOH)
Outer sheath	-
Laying temperature min.	-5 °C
Max. operating temperature	70 °C
Short circuit temperature	160 °C
Flame retardant	Acc. to EN/IEC 60332-1-2

AFUMEX N2XH



B2_{ca}

Halogen free cables with LSOH outer sheath ideal to be used in fixed installations in areas with medium to high risk of fire and high density of people such as commercial buildings, airports, offices, personal residences, etc.

AFUMEX N2XH	
Construction standard	VDE 0276-604 (5G-A3)
Rated voltage (U ₀ /U)	0,6/1 kV
No. of cores	1x; 2x; 3x; 4x; 5x
Conductor material	Copper
Insulation	XLPE
Outer sheath	Halogen free (LSOH)
Laying temperature min.	-15 °C
Max. operating temperature	90 °C
Short circuit temperature	250 °C
Fire classification CPR class	B2 _{ca} ; C _{ca} ; D _{ca} ; E _{ca}

AFUMEX NA2XH



B2_{ca}

Halogen free cables with LSOH outer sheath ideal to be used in fixed installations in areas with medium to high risk of fire and high density of people such as commercial buildings, airports, offices, personal residences, etc.

AFUMEX NA2XH	
Construction standard	VDE 0276-604 (5G-A3)
Rated voltage (U ₀ /U)	0,6/1 kV
No. of cores	1x; 3x
Conductor material	Aluminium
Insulation	XLPE
Outer sheath	Halogen free (LSOH)
Laying temperature min.	-15 °C
Max. operating temperature	90 °C
Short circuit temperature	250 °C
Fire classification CPR class	B2 _{ca} ; C _{ca} ; D _{ca} ; E _{ca}



Linking the future

Technical data, dimensions and weights are subject to change. All sizes and values without tolerances are reference values. Specifications are for product as supplied by Prysmian Group: any modification or alteration afterwards of product may give different result. The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian Group. The information is believed to be correct at the time of issue. Prysmian Group reserves the right to amend this specification without prior notice. This specification is not contractually valid unless specifically authorised by Prysmian Group.

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