



Cables developed for photovoltaic plants

Maximum reliability for the photovoltaic industry

sumcab

sumcab
PMC

The sumcab logo is displayed in white lowercase letters on a dark blue rectangular background.

Expect High Performance

Sumcab Specialcable Group, is a global group that designs, manufactures and supplies the highest quality specialty cables. We offer solutions for the most diverse national and international markets. We accompany our clients from project engineering to project execution.

The company is recognized as a world leader in cable manufacturing in a global environment that demands a quality product at a competitive price.

The sumcab IMS logo features the word 'sumcab' in a light grey font above the letters 'IMS' in white, which are enclosed within a dark blue rectangular box. This entire logo is set against a white background within a thin black border.A photograph showing several large wooden spools filled with thick, grey industrial cables, stacked together.

Iberian Market Solutions

Personalized attention with the main objective of finding the most complete solution and the one that meets the most rigorous requirements.

175
Employees

+7.000
Tailor-made
Solutions

The sumcab PMC logo features the word 'sumcab' in a light grey font above the letters 'PMC' in white, which are enclosed within a dark blue rectangular box. This entire logo is set against a white background within a thin black border.A photograph showing a person's hands pointing at a document or tablet screen, with another person's hand visible in the foreground, suggesting a collaborative project management or client meeting.

Project & Export Management Center

Working together with client to develop the complete solution for your project or export.

+20
Years of History

+50
Countries with
projects realized

The sumcab ROBOTICS logo features the word 'sumcab' in a light grey font above the word 'ROBOTICS' in white, which is enclosed within a dark blue rectangular box. This entire logo is set against a white background within a thin black border.A photograph showing two technicians in blue work uniforms working on a complex robotic assembly, with one person using a tool on a component.

Robotics

Solutions oriented to satisfy the demand of the demanding Robotics Industry. From the analysis and development of the product to its implementation.

75M€
Turnover

+100
Product
Certifications



Production centers

Sumcab cables reduce costs throughout the entire life cycle of the installation because they are tailored to customer requirements and application demands.

Research and development is one of the pillars of our growth. Our technological innovation guarantees the development of new materials, manufacturing processes and products, providing us with differential value in the market.

The result is a high increase in durability and a decrease in incidents.



Reasons that support us

We always put our client at the center of our activity to offer the best service.



QUALITY

Experience in international markets

Great knowledge of construction regulations

Technical team specialized in projects



EXPERIENCE

Great flexibility and adaptability to your project

Global list of references by markets



COMMITMENT

High quality standards

Manufacturing adapted to your needs

Global project support



WARRANTY

Packaging, marking and personalized labeling

PMC Center of excellence



ENGINEERING

Product and project engineering, technical advice and quality.



DOCUMENTATION AND LOGISTICS

Administrative support, planning and coordination.



EXPORT

Advice on trade and support to delegations.



MANAGEMENT CONTROL

Information gathering, analysis and decision-making. Development and training.

We have the cable that best suits your needs



**Low Voltaje
Cables**



**Instrumentation & Control
Cables**



**Medium and High Voltage
Cables**



Communication Cables



**Thermocouple
Cables**



**Industrial Automation
Cables**



**Flexible application
Cables**



**Special applications
Cables**



**Hybrid
Cables**



**Custom designs
Cables**

Icons



Oil & hidrocarbon
resistant



Ozone resistant



High durability



Flame retardant



Halogen free



Low smoke



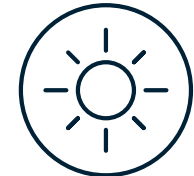
Chemical agents
resistance



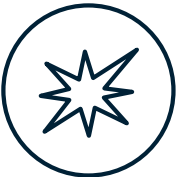
Water resistant



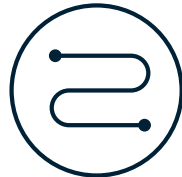
Low temperature
resistant



U.V. resistant



Impact resistant



High flexibility



Rodent & termite
protection



Euroclass CPR



Euroclass CPR



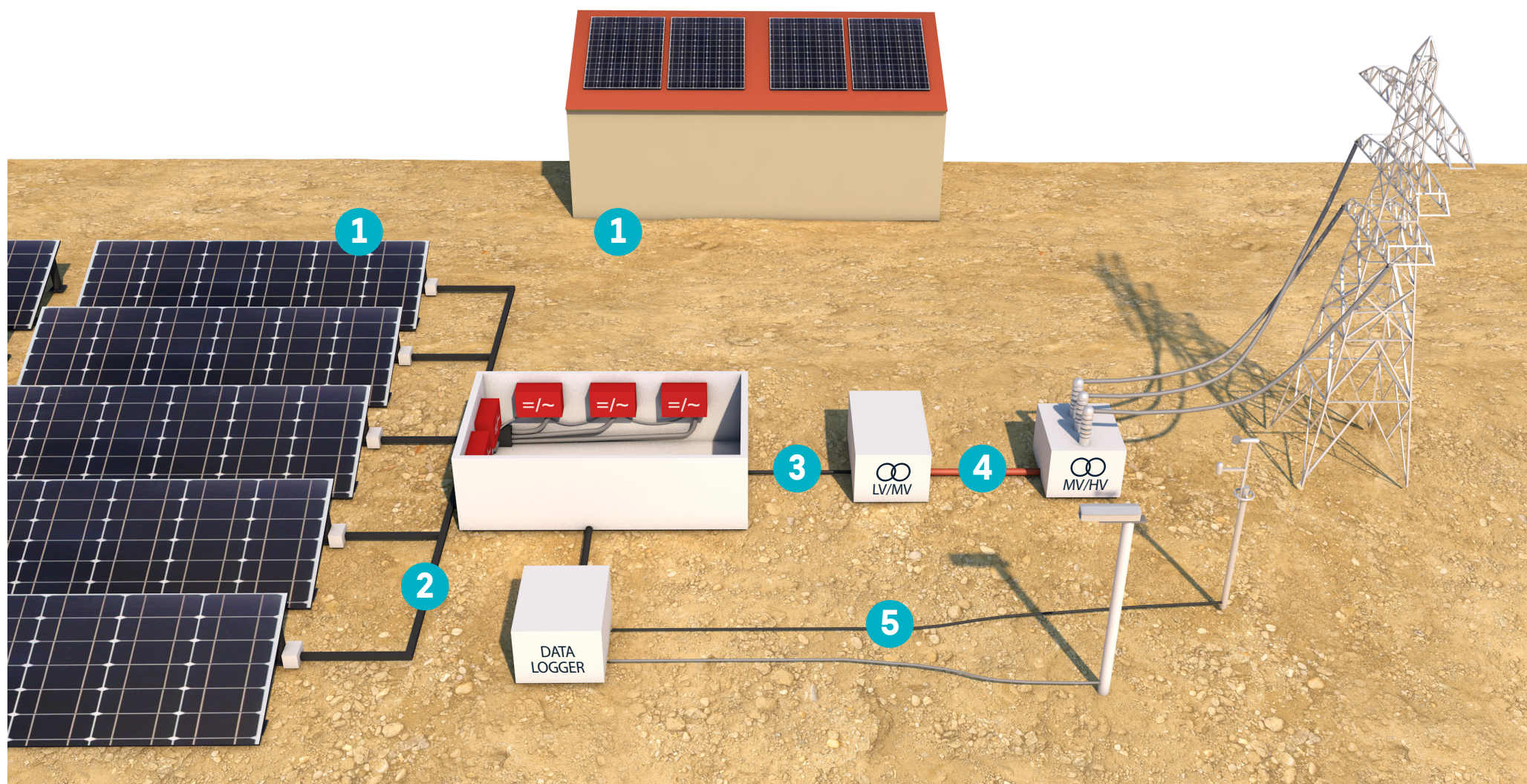
Fire retardant

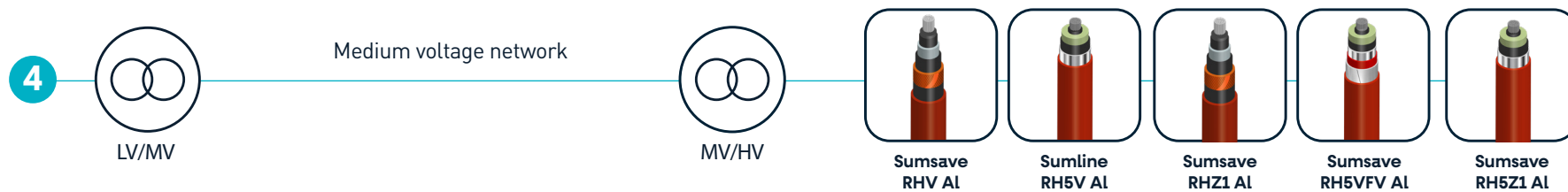
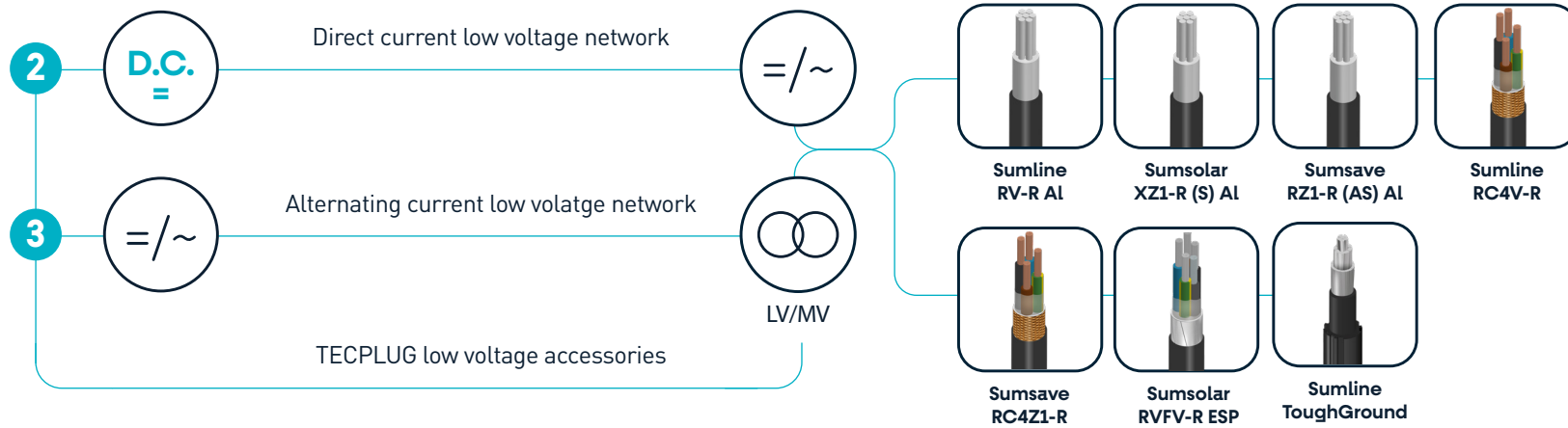
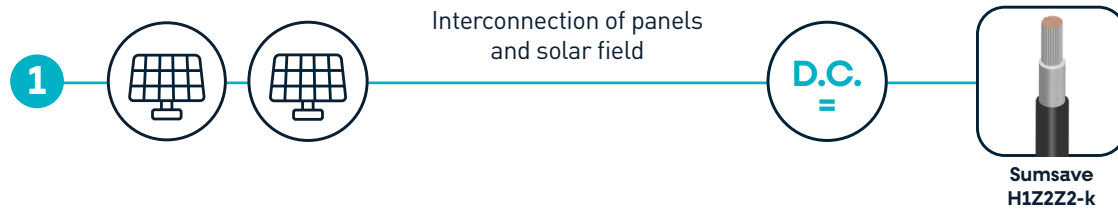


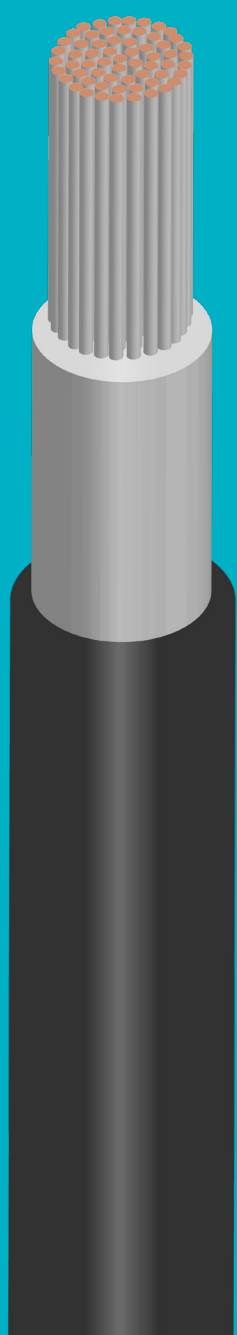
Communication

Photovoltaic solar plants

SUMCAB cables for the photovoltaic market have been developed and manufactured, complying with the most rigorous quality standards, in order to withstand the most demanding environmental conditions.







Sumsave[®] H1Z2Z2-K

(DC)1,5/1,5kV (1,8 kV)



Special properties

Construction EN 50618 standard

TÜV approved and certified

Technical data

Operating voltages $U_0/U(U_{MAX})$:

1/1 kV (AC), 1,5/1,5 kV (DC)

1,2 kV (AC), 1,8 kV (DC)



Oil & hydrocarbon
resistant



Ozone resistant



High durability



Flame retardant



Halogen free



Low smoke



Chemical agents
resistance



Water resistant



Low temperature
resistant



U.V. resistant



Impact resistant



High flexibility



Rodent & termite
protection



Euroclass CPR

Image shown is not to scale and may not necessarily be an accurate reproduction of the cable design.

Sumline® RV-R AL

0,6/1 (1,2) kV A.C.

Special properties

Construction IEC 60502-1



Fire retardant



Flame retardant



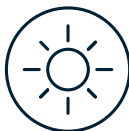
Low smoke



Water resistant



Low temperature
resistant



U.V. resistant



Impact resistant



High flexibility



Rodent & termite
protection



Euroclass CPR



Technical data

Operating voltages $U_0/U(U_{max})$:

0,6/1 (1,2) kV (AC)

0.9/1,5 (1,8) kV (DC)

Easy to install with a very low weight.

Easy removal of the outer sheath.

Excellent for outdoor installation.

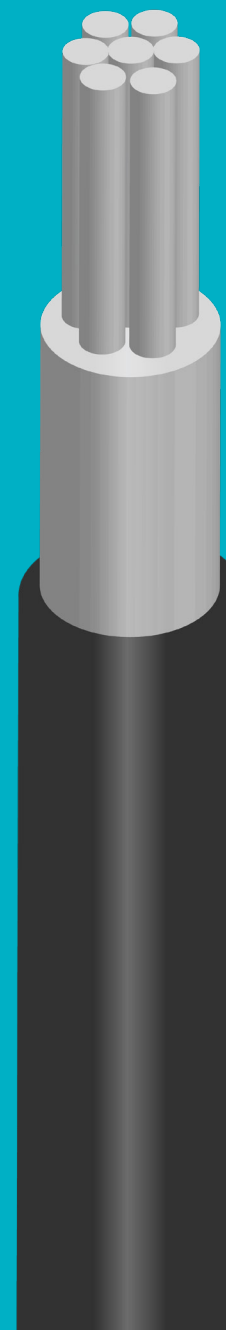
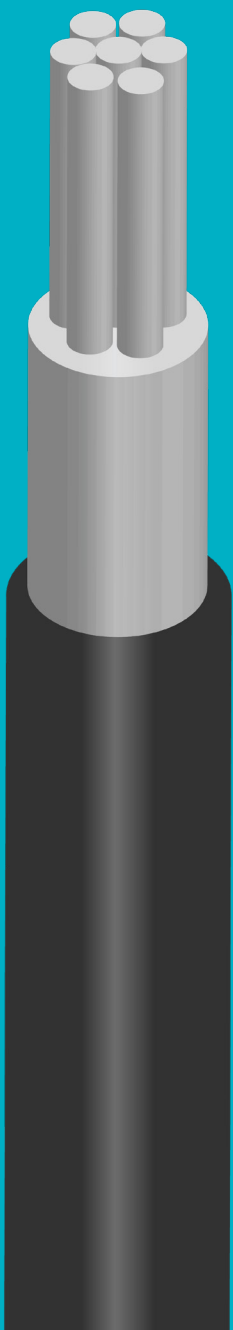


Image shown is not to scale and may not necessarily be an accurate reproduction of the cable design.



Sumline® RV-R AL

1,5/1,5 (1,8)kV D.C.

Special properties

Construction IEC 60502-1



Fire retardant



Flame retardant



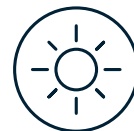
Low smoke



Water resistant



Low temperature
resistant



U.V. resistant



Impact resistant



High flexibility



Rodent & termite
protection



Euroclass CPR



Technical data

Operating voltages $U_o/U(U_{MAX})$:

1,5/1,5 (1,8) kV (DC)

Easy to install with a very low weight.

Easy removal of the outer sheath.

Excellent for outdoor installation.

Image shown is not to scale and may not necessarily be an accurate reproduction of the cable design.

Sumline® RV-R AL

1,8/3 (3,6) kV A.C.

Special properties

Construction IEC 60502-1



Fire retardant



Flame retardant



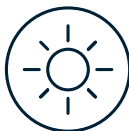
Low smoke



Water resistant



Low temperature
resistant



U.V. resistant



Impact resistant



High flexibility



Rodent & termite
protection



Euroclass CPR



Technical data

Operating voltages $U_0/U(U_{MAX})$:

1,8/3 (3,6) kV (AC)

2,7/4,5 (5,4) kV (DC)

Easy to install with a very low weight.

Easy removal of the outer sheath.

Excellent for outdoor installation.

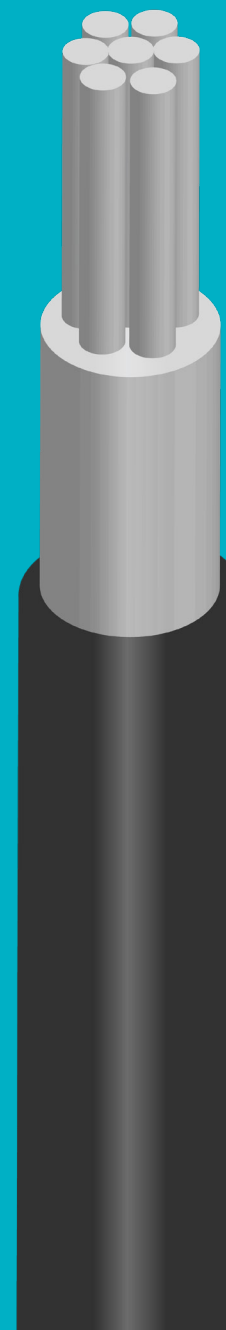
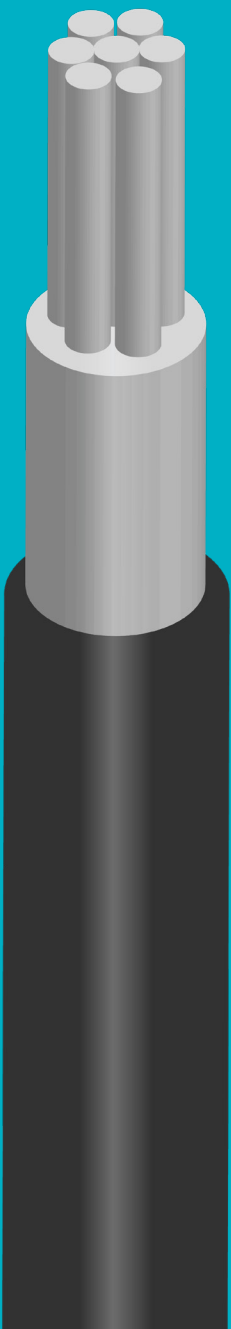


Image shown is not to scale and may not necessarily be an accurate reproduction of the cable design.



Sumsolar® (S) AL XZ1-R

0,6/1 (1,2) kV A.C.



Special properties

Construction IEC 60502-1
HD 603-5x



Flame retardant



Halogen free



Low smoke



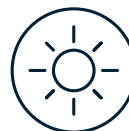
Chemical agents
resistance



Water resistant



Low temperatures
resistant



U.V. resistant



Impact resistant



High flexibility



Rodent & termite
protection



Euroclass CPR

Technical data

Operating voltages $U_0/U(U_{MAX})$:

0,6/1 (1,2) kV (AC)

0.9/1,5 (1,8) kV (DC)

Easy to install with a very low weight.

Easy removal of the outer sheath.

Low smoke and halogen free for
indoor installation.

Image shown is not to scale and may not necessarily be an accurate reproduction of the cable design.

Sumsave[®] (AS) AL RZ1-R

0,6/1 (1,2) kV A.C.

Special properties

Construction IEC 60502-1



Flame retardant



Halogen free



Low smoke



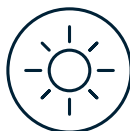
Chemical agents
resistance



Water resistant



Low temperatures
resistant



U.V. resistant



Impact resistant



High flexibility



Rodent & termite
protection



Euroclass CPR



Technical data

Operating voltages U_0/U_{MAX} :

0,6/1 (1,2) kV (AC)

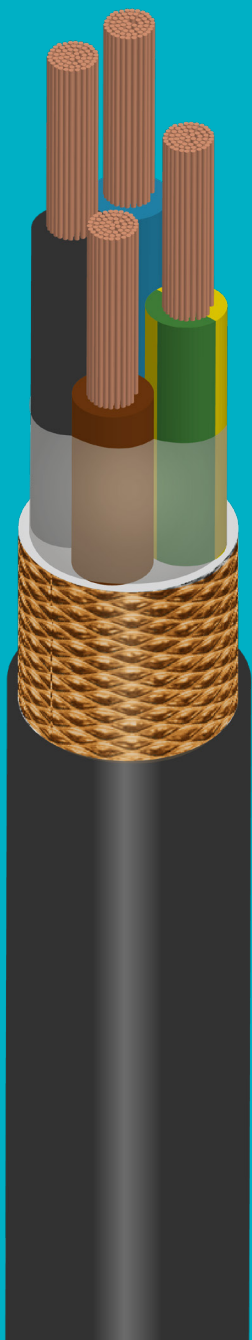
0.9/1,5 (1,8) kV (DC)

Easy to install with a very low weight.

Easy removal of the outer sheath.

Low smoke and halogen free for
indoor installation.

Image shown is not to scale and may not necessarily be an accurate reproduction of the cable design.



Sumline[®] RC4V-R

0,6/1 (1,2) kV A.C.

Special properties

Construction IEC 60502-1



Fire retardant



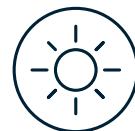
Flame retardant



Water resistant



Low temperatures
resistant



U.V. resistant



Impact resistant



High flexibility



Rodent & termite
protection



Euroclass CPR



Technical data

Operating voltages $U_0/U(U_{MAX})$:

0,6/1 (1,2) kV

Shielded cable recommended for signals that need to be protected from interference.

Image shown is not to scale and may not necessarily be an accurate reproduction of the cable design.

Sumsave[®] RC4Z1-R

0,6/1 (1,2) kV A.C.

Special properties

Construction acc. IEC 60502-1



Flame retardant



Halogen free



Low smoke



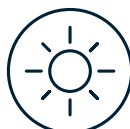
Chemical agents
resistance



Water resistant



Low temperatures
resistant



U.V. resistant



Impact resistant



High flexibility



Rodent & termite
protection



Euroclass CPR



Technical data

Operating voltages $U_0/U(U_{MAX})$:

0,6/1 (1,2) kV

Shielded cable recommended for
signals that need to be protected
from interference.

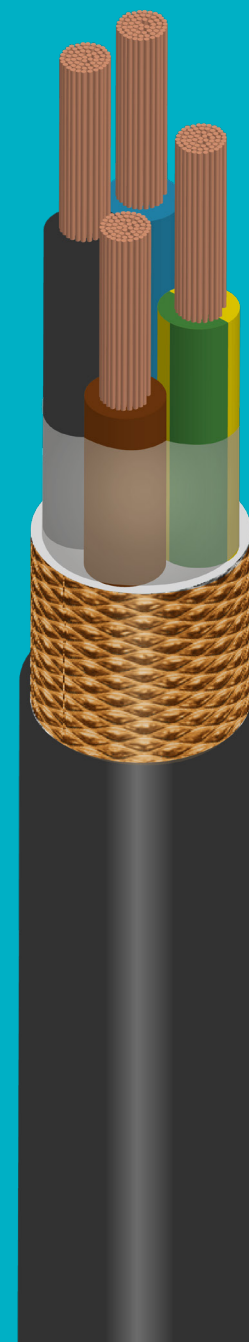
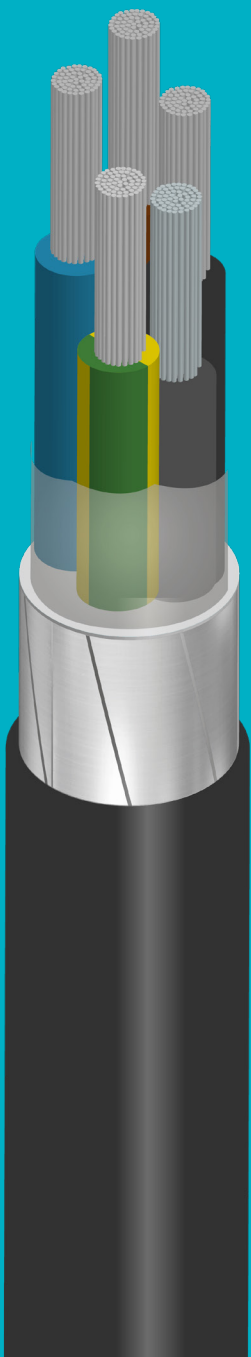


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Sumsolar® RVFV-R ESP



0,6/1 (1,2) kV A.C. SPECIAL ARMOUR

Special properties

Construction based on IEC 60502-1



Fire retardant



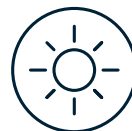
Flame retardant



Water resistant



Low temperatures
resistant



U.V. resistant



Impact resistant



High flexibility



Rodent & termite
protection



Euroclass CPR

Technical data

Operating voltages $U_0/U(U_{MAX})$:

0,6/1 (1,2) kV (AC)

0.9/1,5 (1,8) kV (DC)

Protective armor , specially designed
for photovoltaic installations.

Easy removal of the outer sheath.

Excellent for outdoor installation.

Image shown is not to scale and may not necessarily be an accurate reproduction of the cable design.

Sumline® ToughGround

1,8/3 kV A.C.

Special properties

Construction IEC 60502-1



Flame retardant



Halogen free



Low smoke



Chemical agents
resistance



Water resistant



Low temperatures
resistant



U.V. resistant



Impact resistant



High flexibility



Rodent & termite
protection



Euroclass CPR



Technical data

Operating voltages $U_0/U(U_{MAX})$:

0,6/1 (1,2) kV (AC)

Easy to install with a very low weight.

Easy removal of the outer sheath.

Low smoke and halogen free for
indoor installation.

Excellent Impact Protection. Impact
test according to UNE 211620: annex
3 with impact energy of 35 joules.

Possibility of installation, without
preparation or treatment of the land.

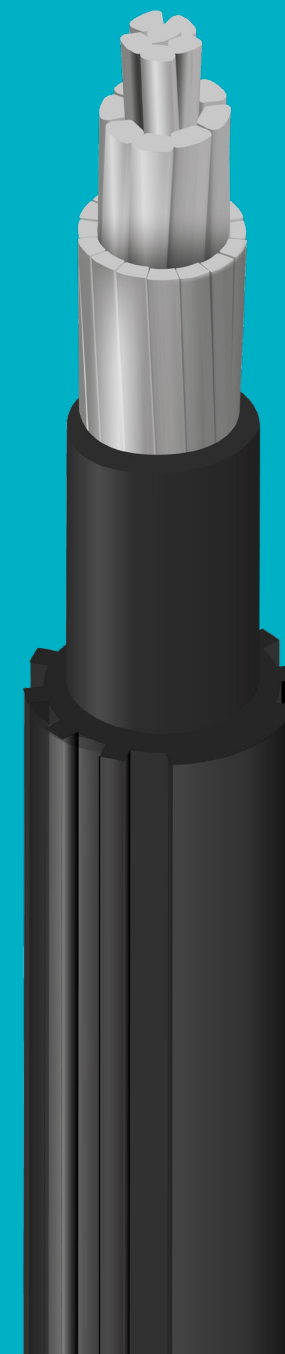
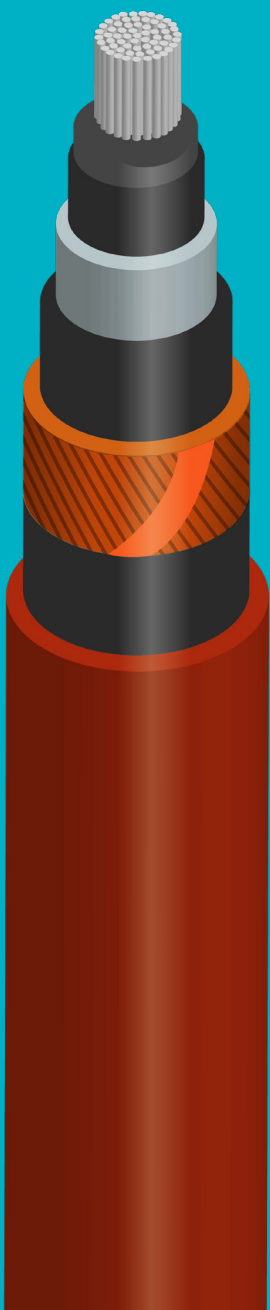


Image shown is not to scale and may not necessarily be an accurate reproduction of the cable design.



Sumsave[®] AL RHV

18/30 (36)kV

Special properties

Construction acc. IEC 60502-2/ BS6622/HD 620



Fire retardant



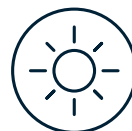
Flame retardant



Water resistant



Low temperatures
resistant



U.V. resistant



Impact resistant



Rodent & termite
protection



Euroclass CPR



Technical data

Operating voltages $U_0/U(U_{MAX})$:

6/10 (12)kV, 8,7/15 (17,5)kV

12/20 (24)kV, 18/30 (36)kV

19/33 (36)kV, 20,8/36 (42)kV

Cable for Medium Voltage outdoor
installations.

Image shown is not to scale and may not necessarily be an accurate reproduction of the cable design.

Sumline® AL RH5V

18/30 (36)kV

Special properties

Construction acc. IEC 60502-2/ BS6622/HD 620



Fire retardant



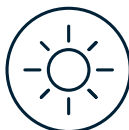
Flame retardant



Water resistant



Low temperatures
resistant



U.V. resistant



Impact resistant



Rodent & termite
protection



Euroclass CPR



Technical data

Operating voltages $U_o/U(U_{MAX})$:

6/10 (12)kV, 8,7/15 (17,5)kV

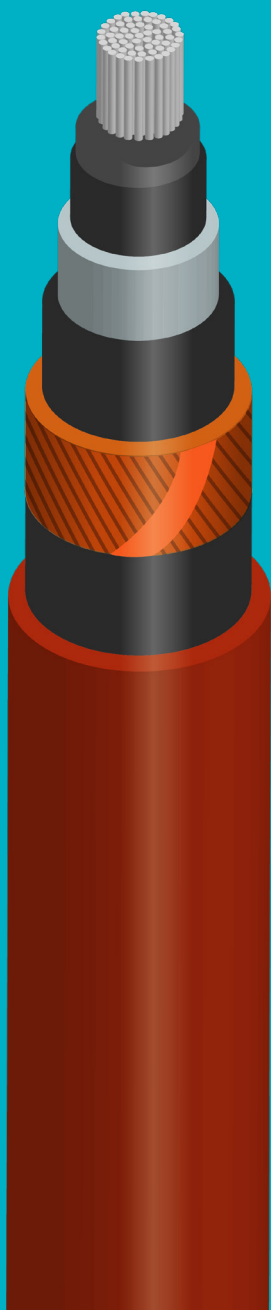
12/20 (24)kV, 18/30 (36)kV

19/33 (36)kV, 20,8/36 (42)kV

Cable for Medium Voltage outdoor
installations.



Image shown is not to scale and may not necessarily be an accurate reproduction of the cable design.



Sumsave[®] AL RHZ1

18/30 (36)kV

Special properties

Construction acc. IEC 60502-2/ BS6622/HD 620



Fire retardant



Flame retardant



Halogen free



Low smoke



Chemical agents
resistance



Water resistant



Low temperatures
resistant



U.V. resistant



Impact resistant



Rodent & termite
protection



Euroclass CPR



Technical data

Operating voltages $U_o/U(U_{MAX})$:

6/10 (12)kV, 8,7/15 (17,5)kV,

12/20 (24)kV, 18/30 (36)kV,

19/33 (36)kV, 20,8/36 (42)kV

Cable for Medium Voltage outdoor installations.

Image shown is not to scale and may not necessarily be an accurate reproduction of the cable design.

Sumsave[®] AL RH5V FV

18/30 (36)kV

Special properties

Construction acc. IEC 60502-2/ BS6622/HD 620



Fire retardant



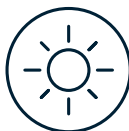
Flame retardant



Water resistant



Low temperatures
resistant



U.V. resistant



Impact resistant



Rodent & termite
protection



Euroclass CPR



Technical data

Operating voltages $U_0/U(U_{MAX})$:

6/10 (12)kV, 8,7/15 (17,5)kV

12/20 (24)kV, 18/30 (36)kV

19/33 (36)kV, 20,8/36 (42)kV

Armoured Cable for Medium
Voltage outdoor installations.

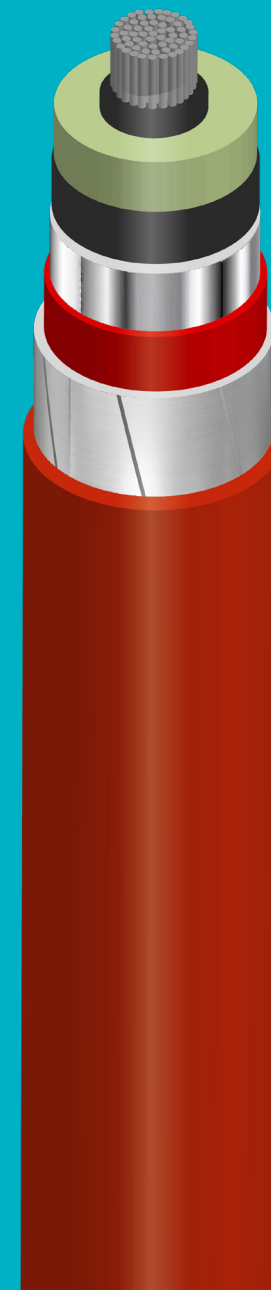
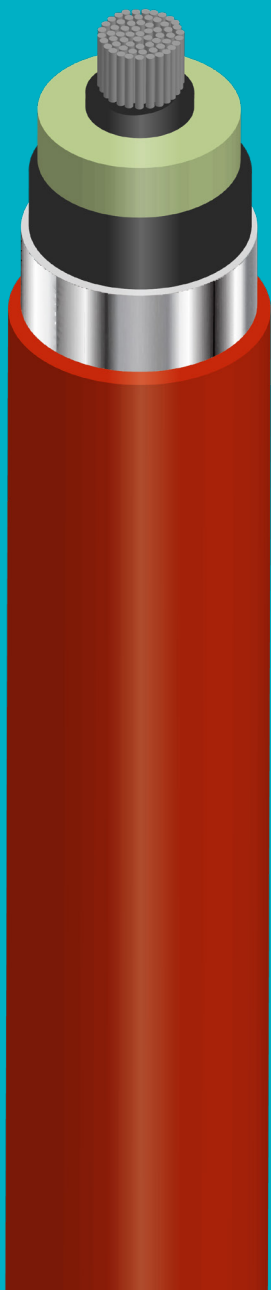


Image shown is not to scale and may not necessarily be an accurate reproduction of the cable design.



Sumsave[®]

AL RH5Z1

18/30 (36)kV

Special properties

Construction acc. IEC 60502-2/ BS6622/HD 620



Fire retardant



Flame retardant



Halogen free



Low smoke



Water resistant



Low temperatures
resistant



U.V. resistant



Impact resistant



Rodent & termite
protection



Euroclass CPR



Technical data

Operating voltages $U_0/U(U_{MAX})$:

6/10 (12)kV, 8,7/15 (17,5)kV

12/20 (24)kV, 18/30 (36)kV

19/33 (36)kV, 20,8/36 (42)kV

Cable for Medium Voltage indoor
installations

Image shown is not to scale and may not necessarily be an accurate reproduction of the cable design.

Sumline® Modbus RS-485 Li2Y(St)CY



PIMF 300V/500V

Special properties

Construction EN 50288-7



Communication



Fire retardant



Flame retardant



Water resistant



Low temperatures
resistant



U.V. resistant



Impact resistant



Rodent & termite
protection



Euroclass CPR

Technical data

Operating voltages U_0/U_{MAX} :

300 V/500 V

Recommended cable for solar installations, in outdoor areas where you have to work with the RS-485 communication protocol, protecting the cable from electromagnetic interference.

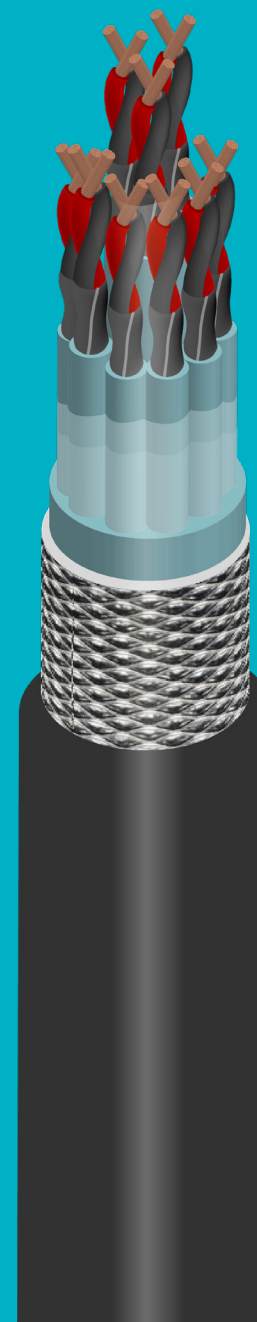
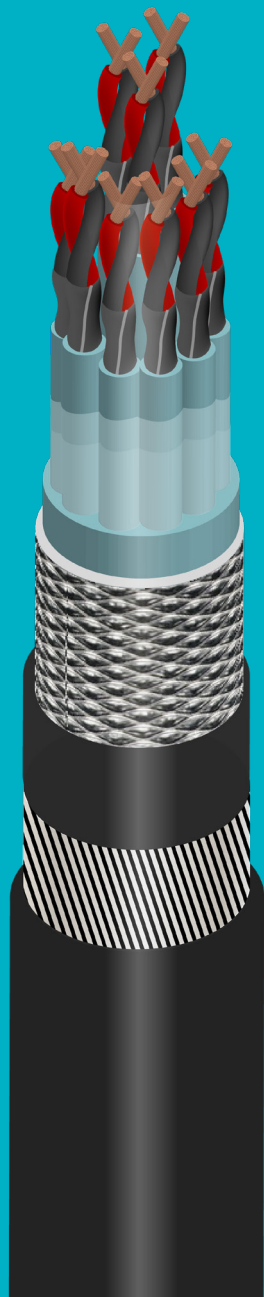


Image shown is not to scale and may not necessarily be an accurate reproduction of the cable design.



Sumline® Modbus RS-485 Li2Y(St)CYSWAY



PIMF 300V/500V

Special properties

Construction EN 50288-7



Communication



Fire retardant



Flame retardant



Water resistant



Low temperatures
resistant



U.V. resistant



Impact resistant



Rodent & termite
protection



Euroclass CPR

Technical data

Operating voltages $U_0/U(U_{MAX})$:

300 V/500 V

Armoured cable recommended for solar installations, in outdoor areas where it is necessary to work with the RS-485 communication protocol, protecting the cable from electromagnetic interference and mechanical.

Image shown is not to scale and may not necessarily be an accurate reproduction of the cable design.

Sumline® Modbus RS-485 Li2Y(St)CY



300V/500V

Special properties

Construction EN 50288-7



Communication



Fire retardant



Flame retardant



Low smoke



Water resistant



Low temperatures
resistant



U.V. resistant



Impact resistant



Rodent & termite
protection



Euroclass CPR

Technical data

Operating voltages $U_0/U(U_{MAX})$:

300 V/500 V

Recommended cable for solar installations, in outdoor areas where you have to work with the RS-485 communication protocol, protecting the cable from electromagnetic interference.

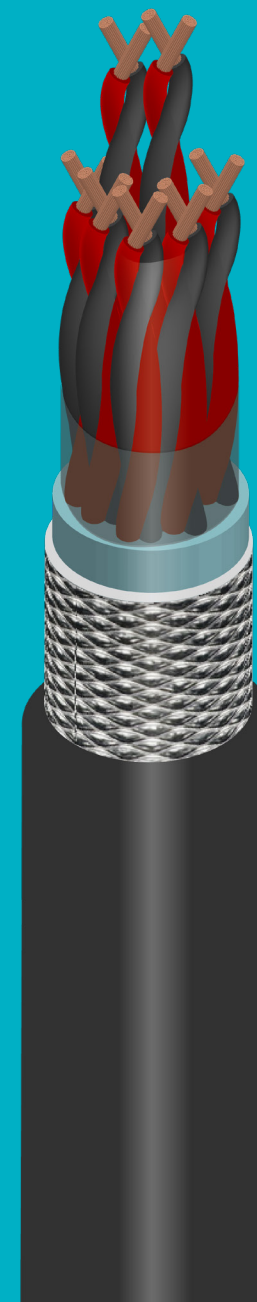


Image shown is not to scale and may not necessarily be an accurate reproduction of the cable design.



Sumline® Modbus RS-485 Li2Y(St)CYSWAY

300V/500V

Special properties

Construction EN 50288-7

Technical data

Operating voltages $U_0/U(U_{max})$:

300 V/500 V



Communication



Fire retardant



Flame retardant



Low smoke



Water resistant



Low temperatures
resistant



U.V. resistant



Impact resistant



Rodent & termite
protection



Euroclass CPR

Armoured cable recommended for solar installations, in outdoor areas where it is necessary to work with the RS-485 communication protocol, protecting the cable from electromagnetic interference and mechanical.

Image shown is not to scale and may not necessarily be an accurate reproduction of the cable design.

Markets in the World

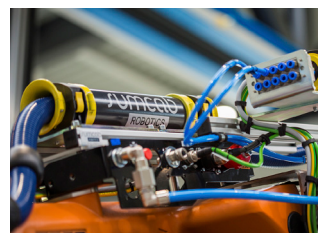
During all these years of experience, at SUMCAB Projects (PMC) we have manufactured and supplied cables for a wide variety of projects in industrial markets, which has given us the recognition and trust of important international clients. Collaboration in situations of maximum demand has positioned us as a benchmark brand in guarantee and quality. At PMC we accompany you to find the right product, at the right time and in the right place

Our goal:
design, manufacture
and supply the specific
cable solutions for your
project.



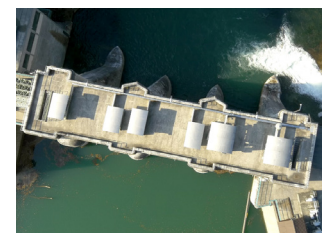
Industrial Plants

Petrochemicals,
refineries, steel mills,
cement plants etc.



Industrial Automation

Automation plants,
Pharma, Packaging,
Food & Beverage.



Energy Generation

Hydraulic Power Plants,
Thermal industries,
Combined Cycle,
Substations, etc.



Green Energy

Photovoltaic plants, Wind,
Thermal Solar, Hybrid,
Biomass, Hydrogen
stations, etc.

Refinery Ojsc Naftan
Republic Belarus
(Oil & Gas)

Desalation Plant
"Al Zawrah" UAE

Mineral Plant
"Cerro Negro Norte" Chile

Logistic center
Automation Inditex
Spain

Daimler
Sumoflex® & MtpreelTM
Sistems Implementation
Germany

Ford
New Production Lines CMH
Kempster Ford Pretoria

Nuclear Fusion Project
ITER France (Energy)

Hydraulic Power
Plant Tamega
Portugal (Energy)

Combined Cycle
Power Gas
Plant "Cctg Parnaiba"
Brasil

Mohammed Bin Rashid
Al Maktoum Solar Park
UAE (Solar)

Biomasa Plant - Curtis
Spain (Renewable)

Thermosolar Plant Noor
Morocco (Renewable)



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HEADQUARTER
P.I. Pla de Llerona
C/ Gran Bretanya, 29
08520 Les Franqueses del Vallès,
Barcelona

T.: (+34) 93 462 70 57
F.: (+34) 93 462 79 80

www.sumcab.com
pmc@sumcab.com

