



Cumelt Cable Catalog

Bare copper grounding conductor

Copper cable construction

NM 06.3.190

NM EN 13602

IEC 60228

APPLICATION

It is used in lightning protection, grounding, and potential equalization systems.

TENSION
450 / 750 V

CLASS
1

MAX TEMP
70°C

SOUL
CU

INSULATING
PVC

TECHNICAL OVERVIEW

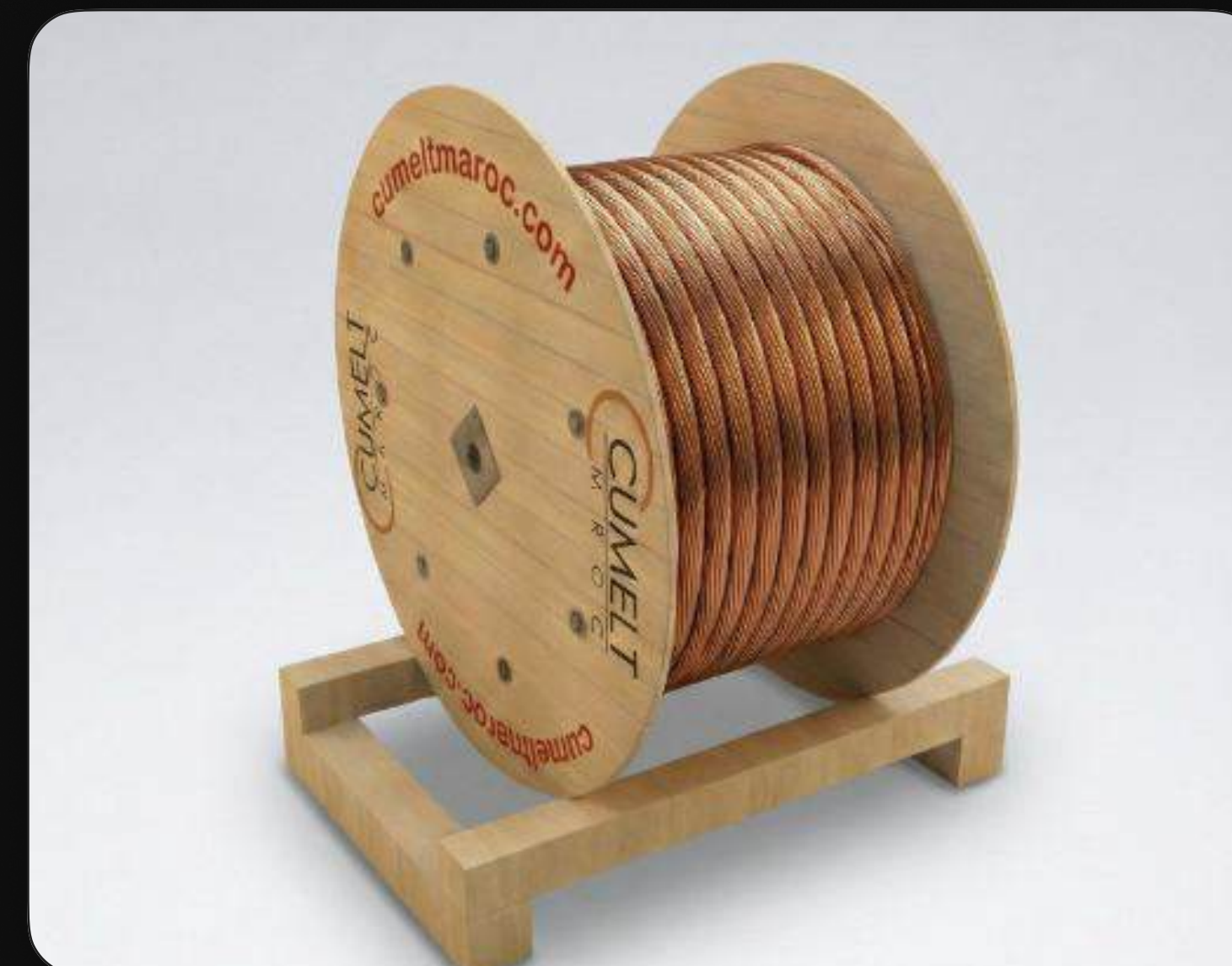
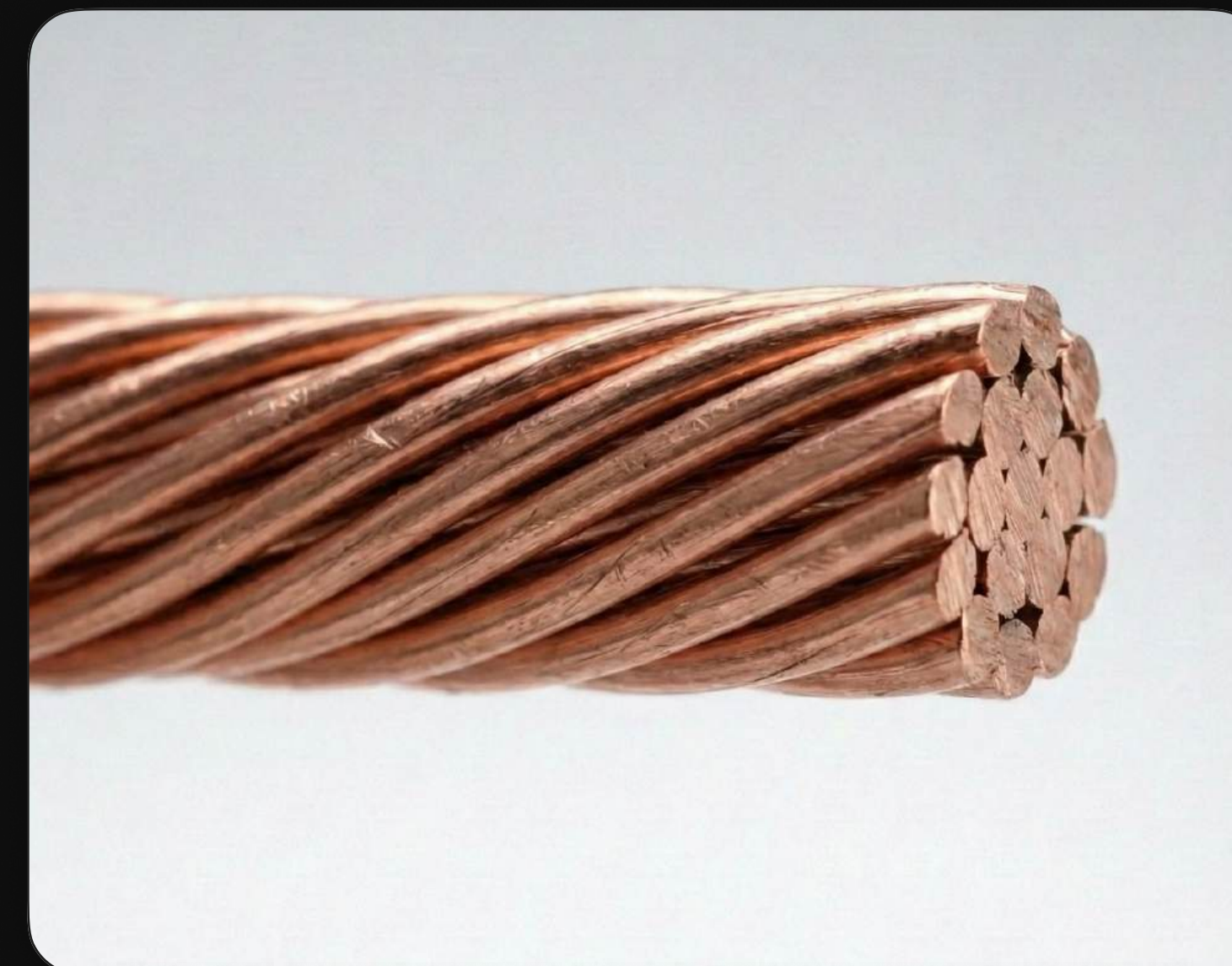
Nominal voltage **450/750 V**

Conducting soul **Cu**

Flexibility class **Classe 2**

Number of drivers **1**

Nominal section **1,5 - 240 mm²**



H07V-U

Construction of Cu/PVC cables

IEC 60227

EN 50525-2-31

NM EN 50525-2-31

APPLICATION

It is used for fixed installation in distribution boards and control cabinets, in lighting and power supply circuits inside buildings.

TENSION
450 / 750 V

CLASS
1

MAX TEMP
70°C

SOUL
CU

INSULATING
PVC

TECHNICAL OVERVIEW

Nominal voltage **450/750 V**

Conducting soul **Cu**

Flexibility class **Classe 1**

Number of drivers **1**

Nominal section **1 - 10 mm²**

Insulating **PVC**

External sheath **No**

Serving temperature **70°C**

Armor **No**



H07V-R

Construction of Cu/PVC cables

IEC 60227

EN 50525-2-31

NM EN 50525-2-31

APPLICATION

Used for fixed wiring in distribution boards and control cabinets, in lighting and power circuits inside buildings where increased flexibility is required

 TENSION
450/750 V

 SOUL
CU

 CLASS
2

 INSULATING
PVC

 MAX TEMP
70°C

TECHNICAL OVERVIEW

Nominal voltage **450/750 V**

Conducting soul **Cu**

Flexibility class **Classe 2**

Number of drivers **1**

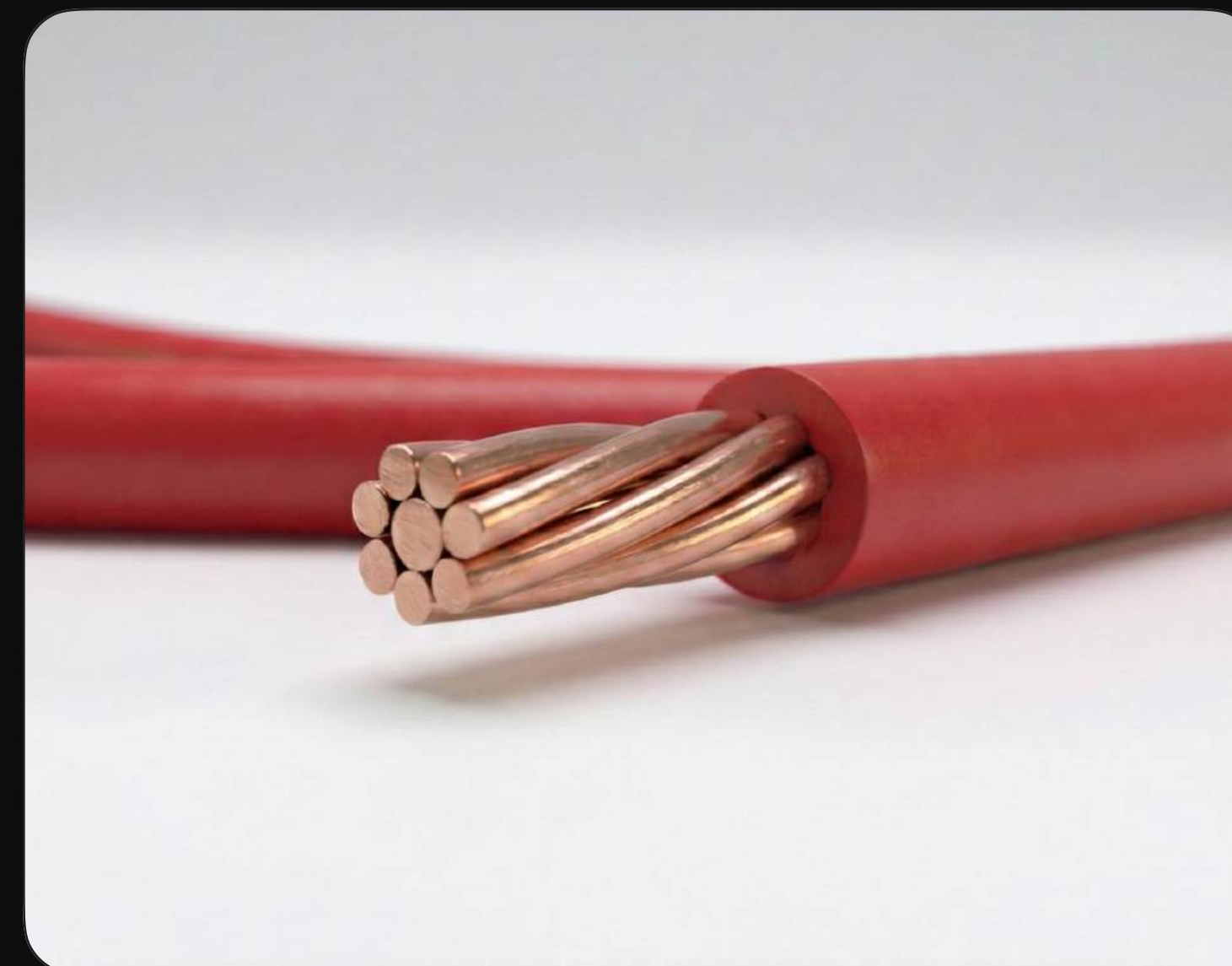
Nominal section **1,5 - 240 mm²**

Insulating **PVC**

External sheath **No**

Serving temperature **70°C**

Armor **No**



H07V-K

Construction of Cu/PVC cables

IEC 60227

EN 50525-2-31

NM EN 50525-2-31

APPLICATION

Used for fixed wiring in distribution boards and control cabinets, in electrical circuits for lighting and power supply inside buildings, for connecting equipment requiring flexible connections, as well as for equipment subject to frequent vibration or bending.



TENSION

450/750 V



SOUL

CU



CLASS

5



INSULATING

PVC



MAX TEMP

70°C

TECHNICAL OVERVIEW

Nominal voltage **450/750 V**

Conducting soul **Cu**

Flexibility class **Classe 5**

Number of drivers **1**

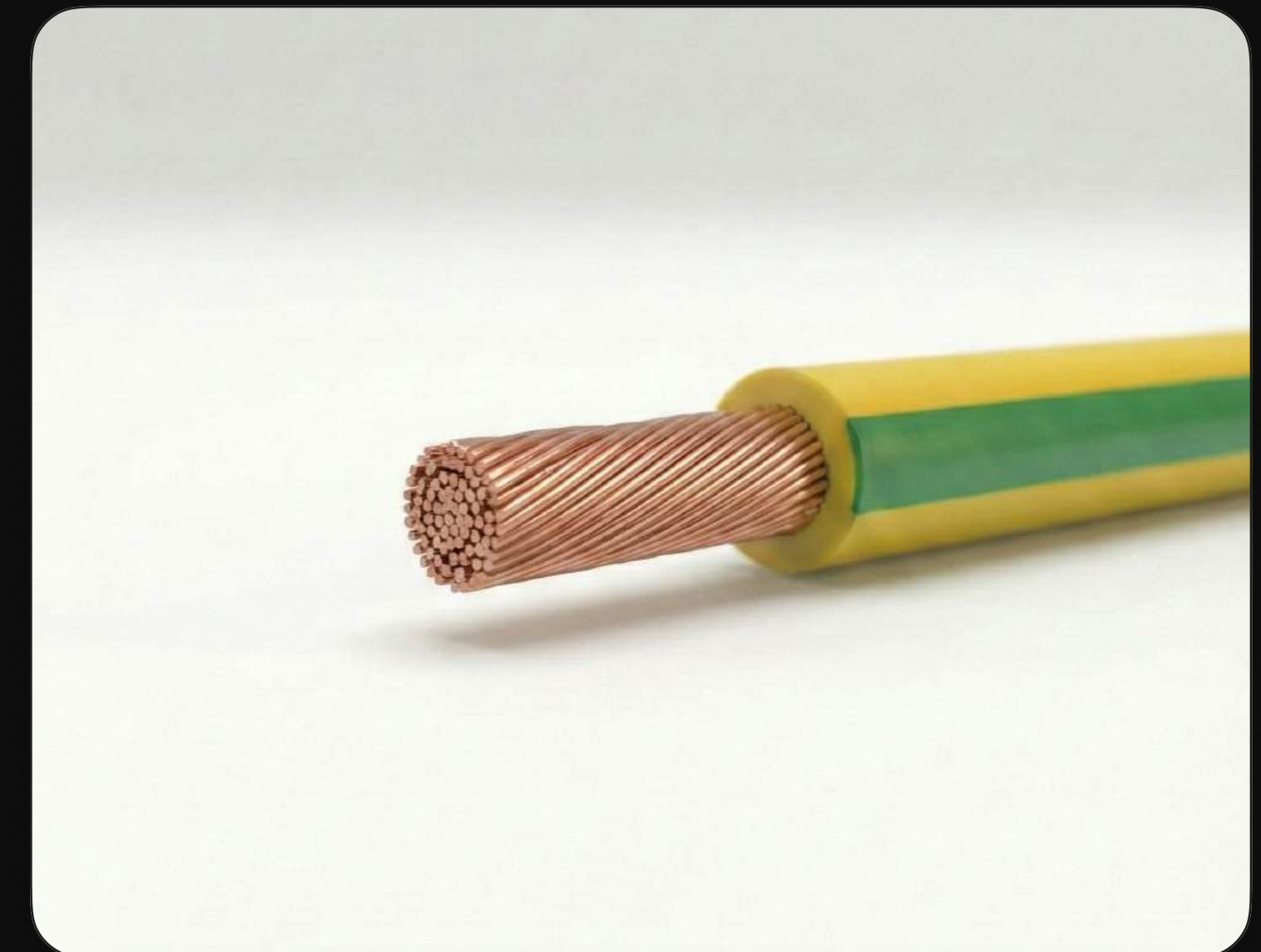
Nominal section **0,5 - 240 mm²**

Insulating **PVC**

External sheath **No**

Serving temperature **70°C**

Armor **No**



H05VV-F

Cable construction Cu / PVC / PVC

EN 50525

NM EN 50525-2-11

APPLICATION

Used for flexible connections and mobile applications in domestic and light industrial installations subject to moderate mechanical stress. Light household appliances, office equipment.



TENSION

300/500 V



SOUL

CU



CLASS

5



INSULATING

PVC



MAX TEMP

70°C

TECHNICAL OVERVIEW

Nominal voltage **300/500 V**

Conducting soul **Cu**

Flexibility class **Classe 5**

Number of drivers **2 - 5**

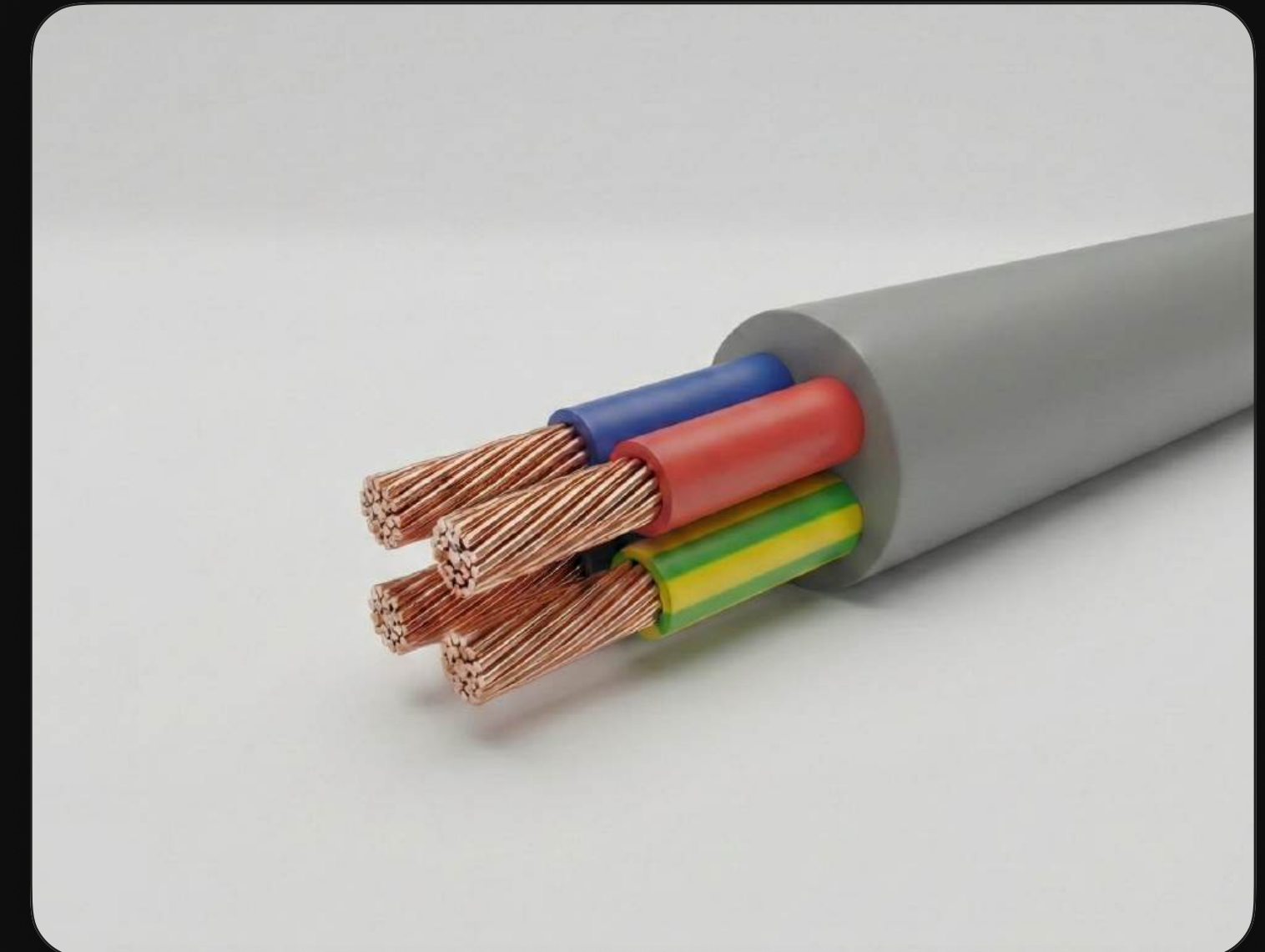
Nominal section **0,75 - 2,5 mm²**

Insulating **PVC**

External sheath **PVC**

Serving temperature **70°C**

Armor **No**



H07VV-F

Cable construction Cu / PVC / PVC

EN 50525

NM EN 50525-2-11

APPLICATION

Utilisé pour les connexions flexibles et mobiles dans les installations industrielles et commerciales soumises à des charges électriques et mécaniques élevées. Équipements industriels, dispositifs de distribution.



TENSION

450/750 V



SOUL

CU



CLASS

5



INSULATING

PVC



MAX TEMP

70°C

TECHNICAL OVERVIEW

Nominal voltage **450/750 V**

Conducting soul **Cu**

Flexibility class **Classe 5**

Number of drivers **2 - 5**

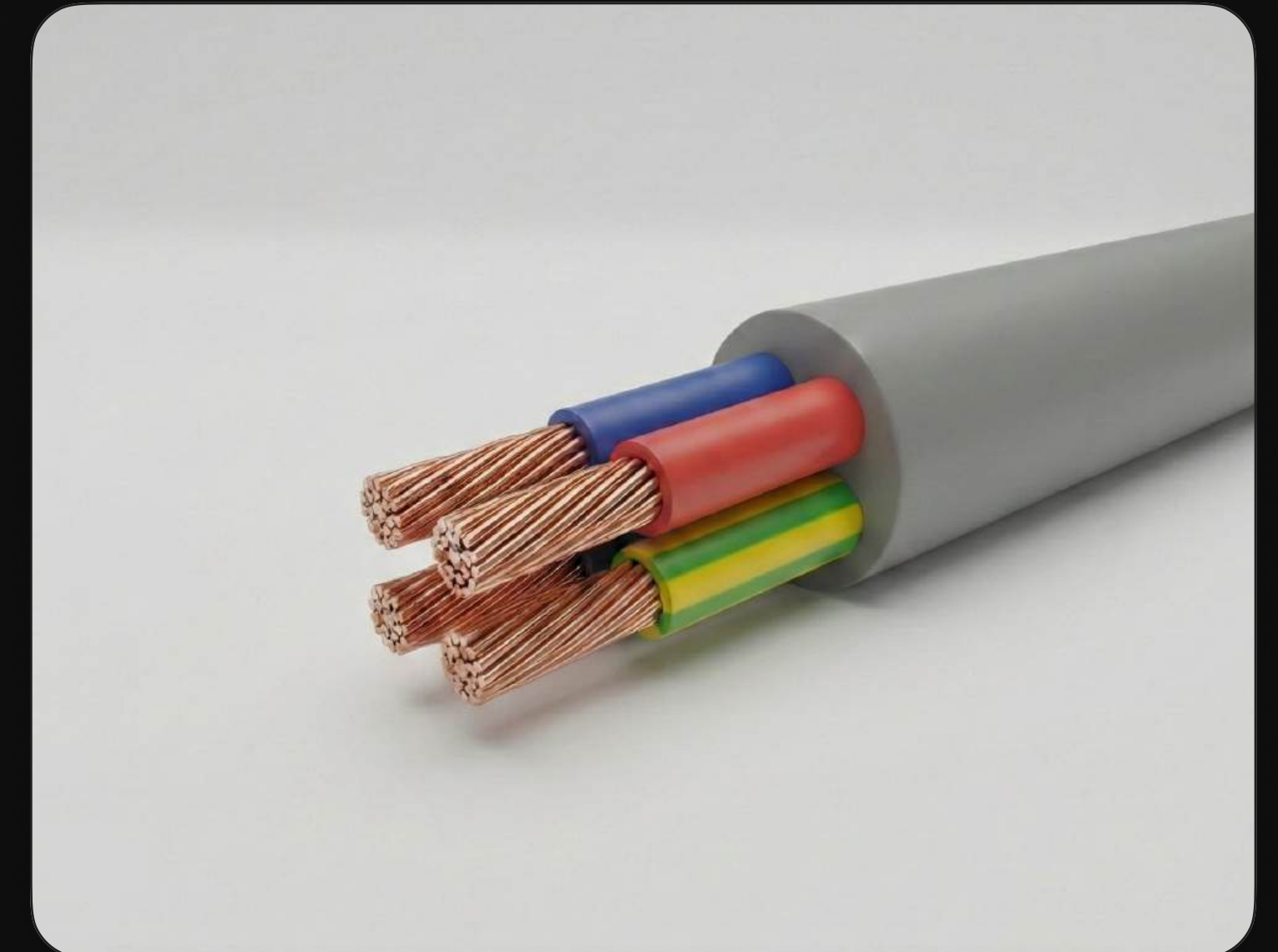
Nominal section **0,5 - 4 mm²**

Insulating **PVC**

External sheath **PVC**

Serving temperature **70°C**

Armor **No**



NY Y

NY Y-J/NY Y-o

Cable construction Cu / PVC / PVC

IEC 60502-1

HD 603

NM IEC 60502-1

APPLICATION

Used for the fixed installation of internal electrical networks, for powering industrial equipment. Open-air installation is permitted (protection from direct sunlight is required) as well as underground installation, provided there are no significant mechanical loads or risk of damage.

TENSION
0,6/1 kV

CLASS
1 - 2

MAX TEMP
70°C

SOUL
CU

INSULATING
PVC

TECHNICAL OVERVIEW

Nominal voltage **0,6/1 kV**

Conducting soul **Cu**

Flexibility class **Classe 1 - 2**

Number of drivers **1 - 5**

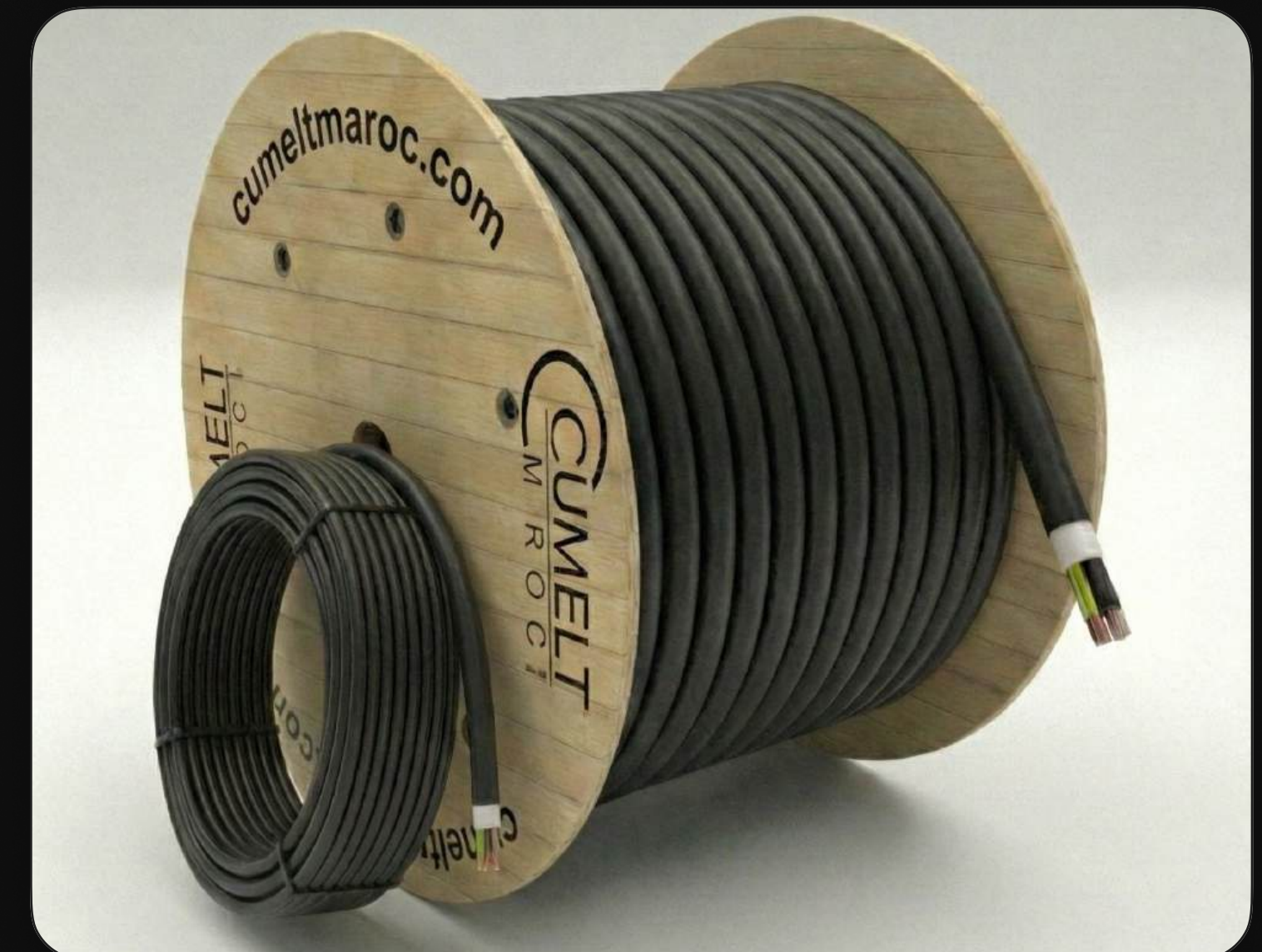
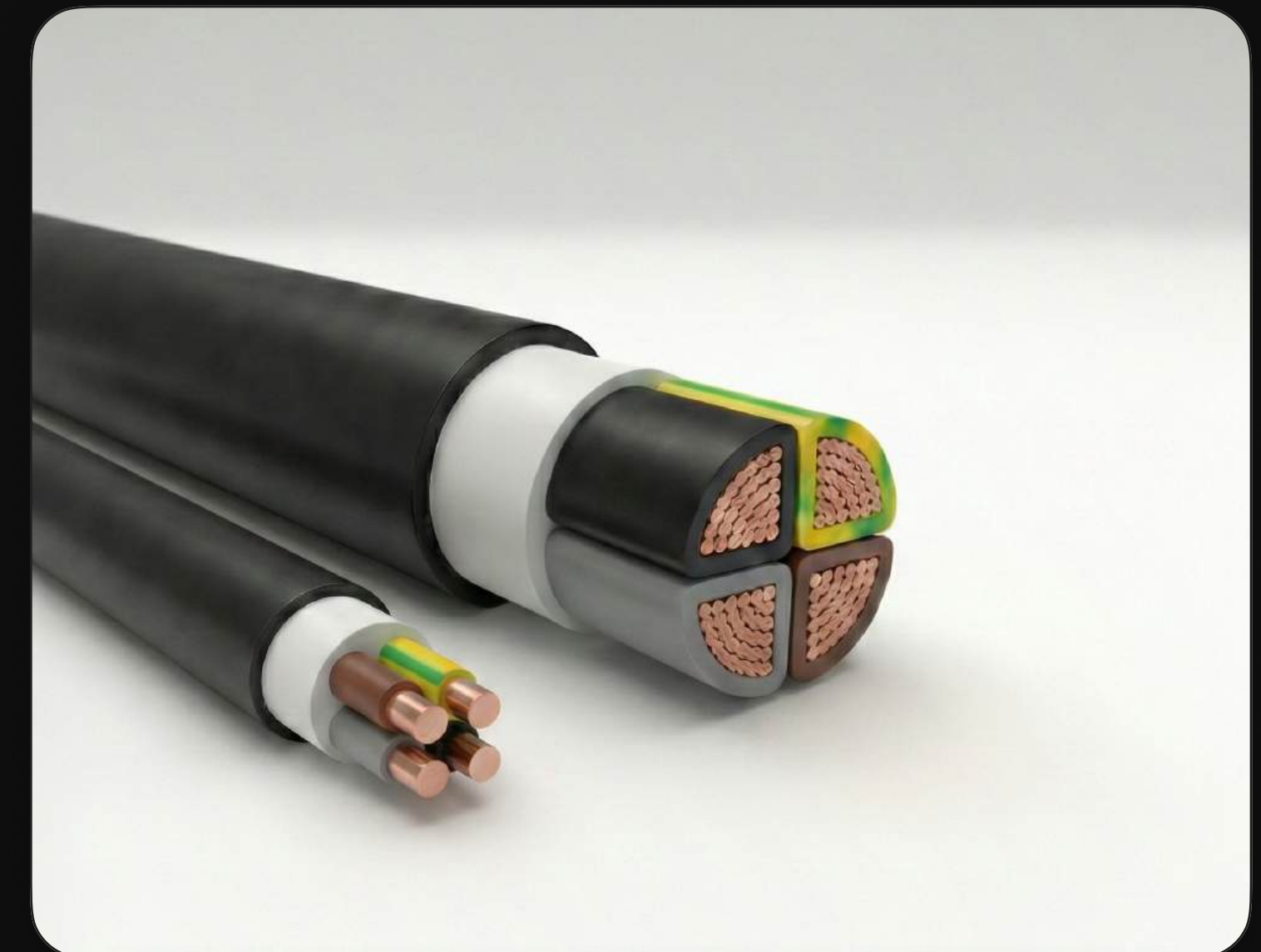
Nominal section **1,5 - 240 mm²**

Insulating **PVC**

External sheath **PVC**

Serving temperature **70°C**

Armor **No**



U1000-R2V

N2XY

Construction of Cu / XLPE / PVC cables

NM 06.3.006

IEC 60502-1

HD 603

NM IEC 60502-1

APPLICATION

Used for the fixed installation of internal electrical networks with high current loads, in areas where the ambient temperature is high. Underground installation without additional protection is permitted in the absence of extreme mechanical loads. Outdoor installation is permitted provided it is protected from direct sunlight.



TENSION

0,6/1 kV



CLASS

1 - 2



MAX TEMP

90°C



SOUL

CU



INSULATING

XLPE

TECHNICAL OVERVIEW

Nominal voltage **0,6/1 kV**

Conducting soul **Cu**

Flexibility class **Classe 1 - 2**

Number of drivers **1 - 5**

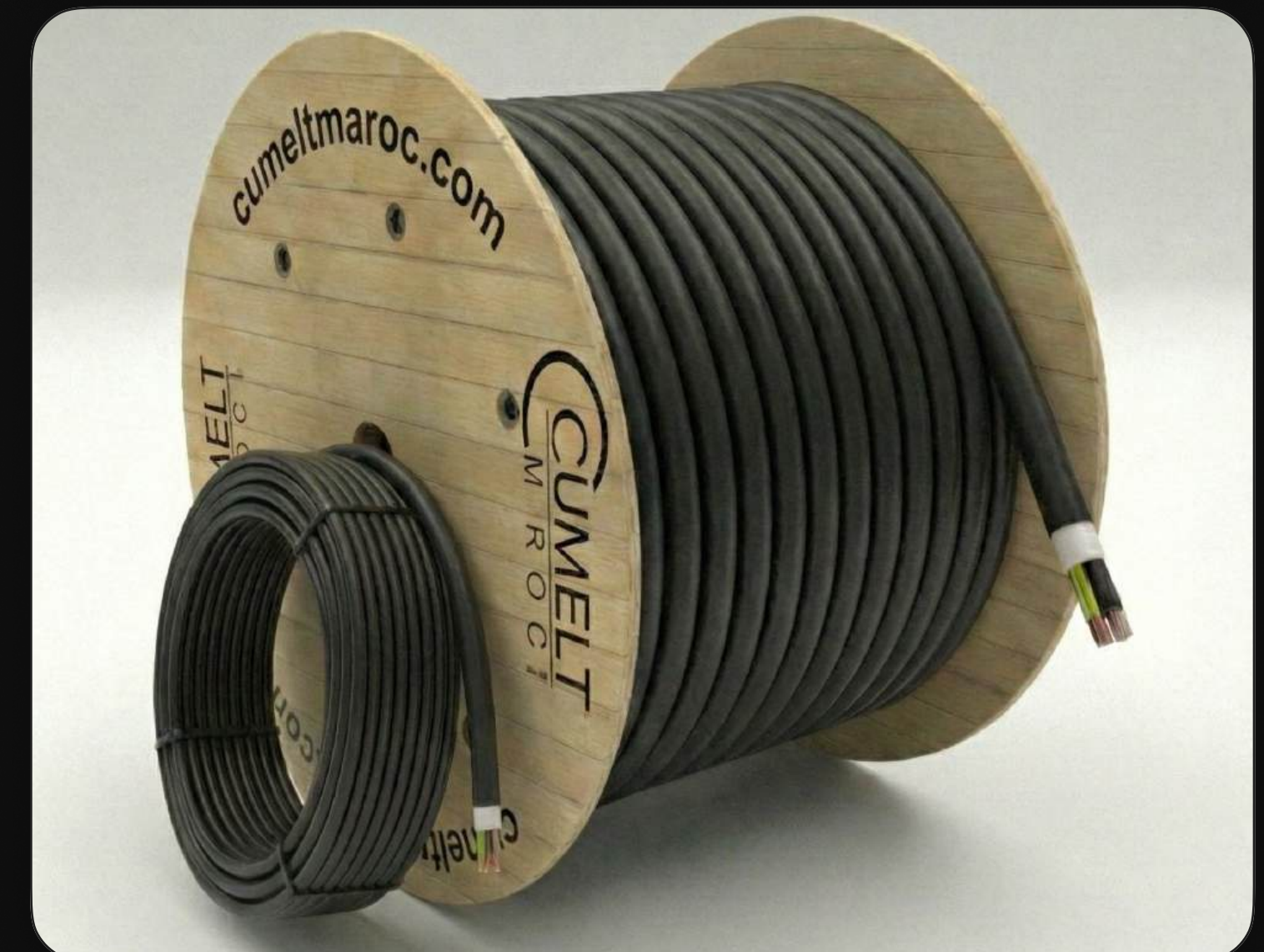
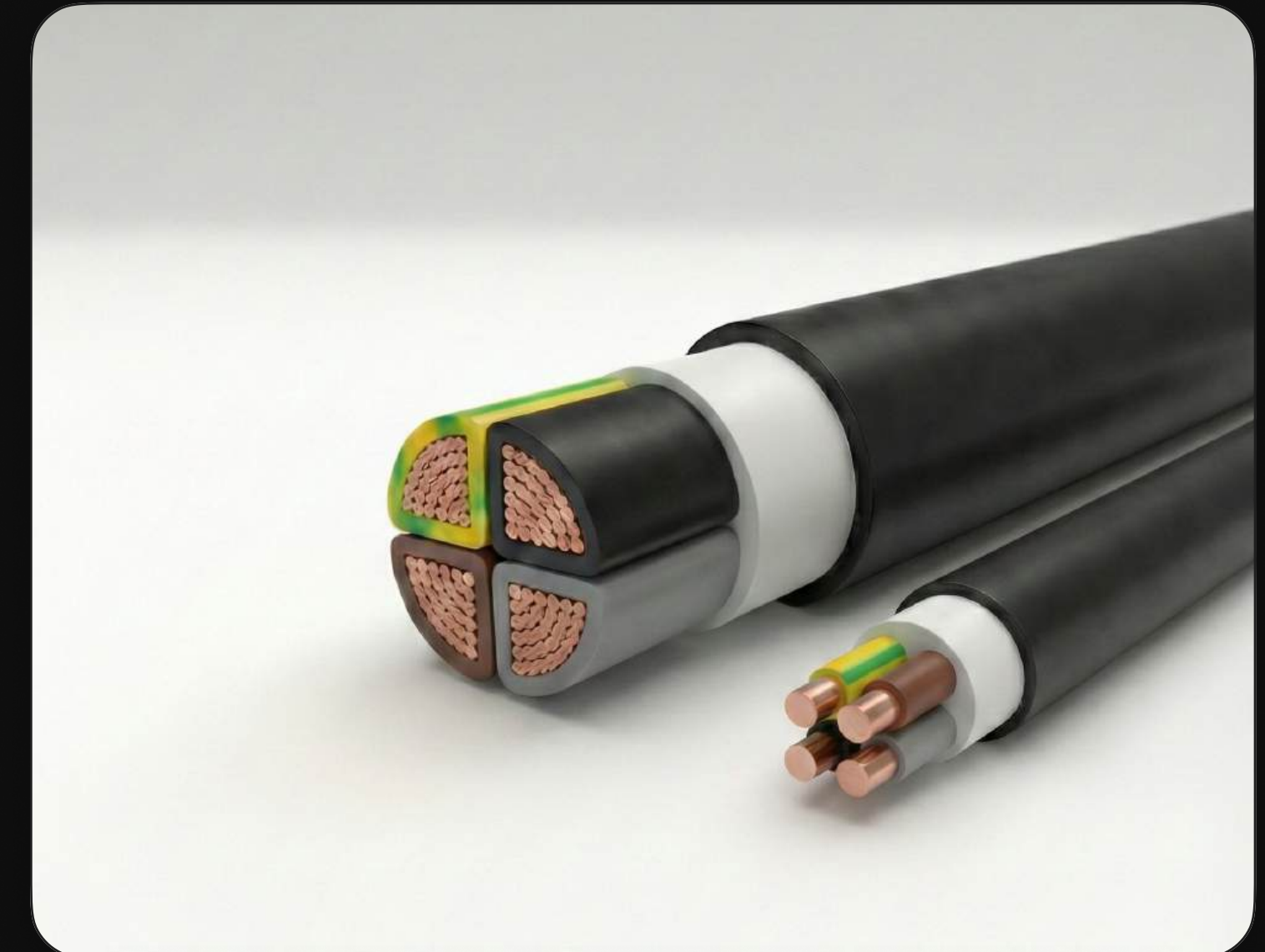
Nominal section **1,5 - 240 mm²**

Insulating **XLPE**

External sheath **PVC**

Serving temperature **90°C**

Armor **No**



NA2XY

U1000-AR2V

AL/XLPE/PVC cable construction

IEC 60502-1

HD 603

NM IEC 60502-1

APPLICATION

Used for the fixed installation of internal electrical networks with high current loads, in areas with high ambient temperatures. Underground installation without additional protection is permitted in the absence of extreme mechanical loads. Outdoor installation is possible provided it is protected from direct sunlight.



TENSION

0,6/1 kV



CLASS

1 - 2



MAX TEMP

90°C



SOUL

Al



INSULATING

XLPE

TECHNICAL OVERVIEW

Nominal voltage **0,6/1 kV**

Conducting soul **Al**

Flexibility class **Classe 1 - 2**

Number of drivers **1 - 5**

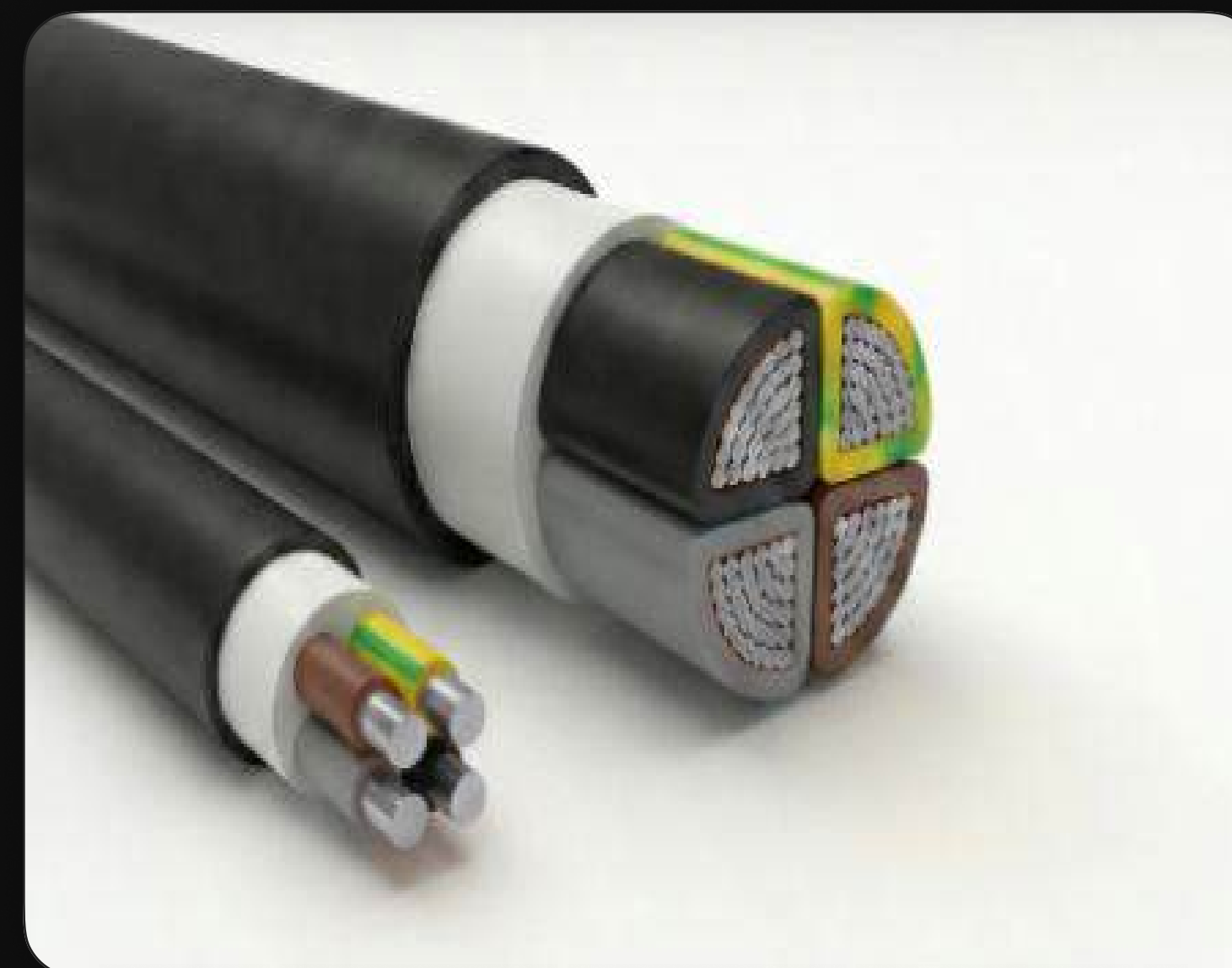
Nominal section **1,5 - 240 mm²**

Insulating **XLPE**

External sheath **PVC**

Serving temperature **90°C**

Armor **No**



N2XH

Cu/XLPE/LSZH cable construction

IEC 60502-1

HD 603

NM IEC 60502-1

APPLICATION

Used for the fixed installation of internal electrical networks, and for powering industrial equipment. In locations subject to high fire safety requirements, in buildings accommodating a large number of people – offices, shopping centers, schools, hospitals, transport infrastructure.



TENSION

0,6/1 kV



CLASS

1 - 2



MAX TEMP

90°C



SOUL

Cu



INSULATING

XLPE

TECHNICAL OVERVIEW

Nominal voltage **0,6/1 kV**

Conducting soul **Cu**

Flexibility class **Classe 1 - 2**

Number of drivers **1 - 5**

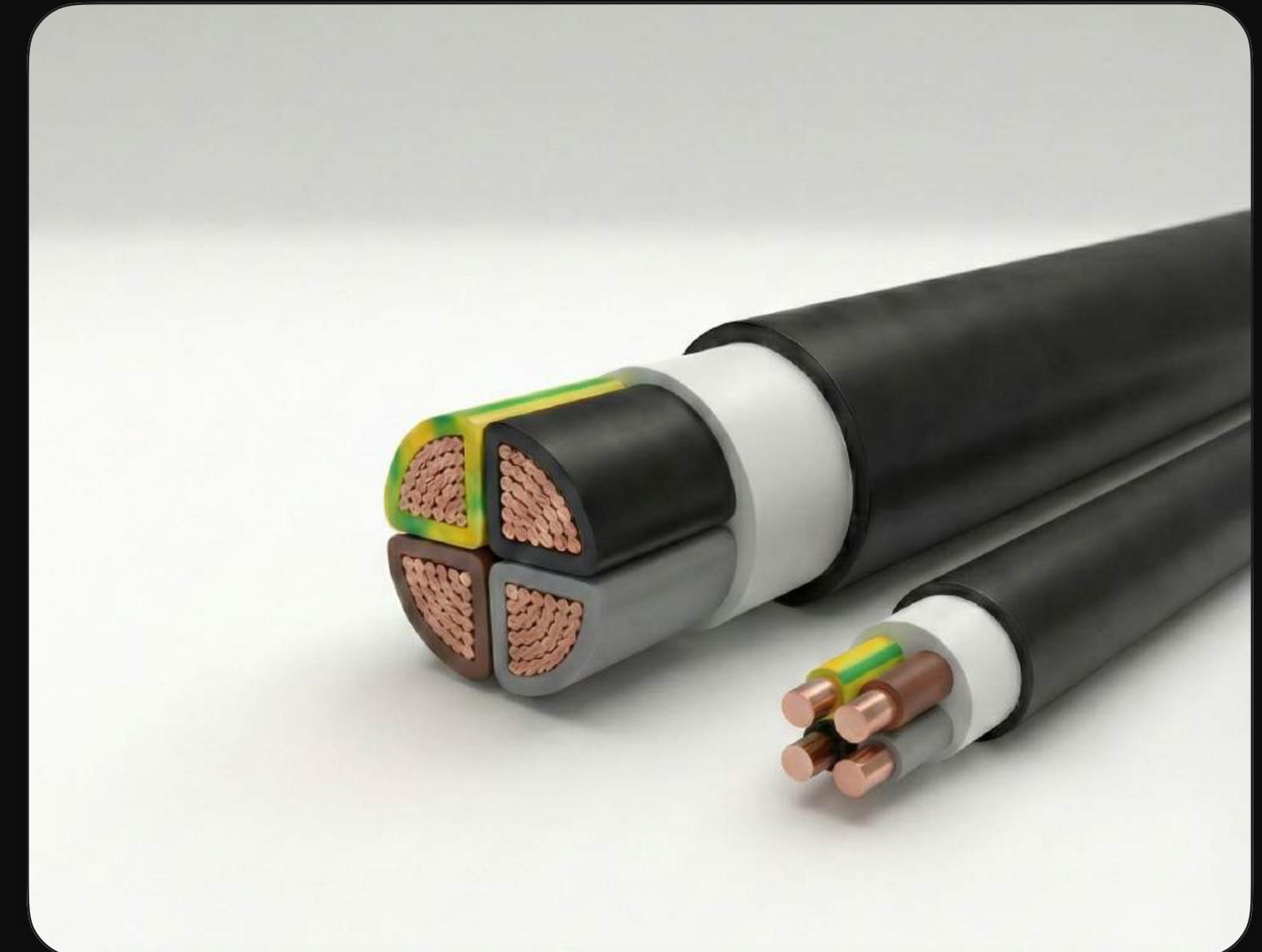
Nominal section **1,5 - 240 mm²**

Insulating **XLPE**

External sheath **LSZH**

Serving temperature **90°C**

Armor **No**



N2XBY

Construction of Cu/XLPE/STA/PVC cables

IEC 60502-1

HD 603

NM IEC 60502-1

APPLICATION

Used for the fixed installation of low-voltage electrical networks in conditions requiring reinforced mechanical protection. Suitable for outdoor installation provided it is protected from direct sunlight.



TENSION

0,6/1 kV



CLASS

1 - 2



MAX TEMP

90°C



SOUL

Cu



INSULATING

XLPE

TECHNICAL OVERVIEW

Nominal voltage **0,6/1 kV**

Conducting soul **Cu**

Flexibility class **Classe 1 - 2**

Number of drivers **1 - 5**

Nominal section **1,5 - 240 mm²**

Insulating **XLPE**

External sheath **LSZH**

Serving temperature **90°C**

Armor **STA**



NA2XBY

AL/XLPE/STA/PVC cable construction

IEC 60502-1

HD 603

NM IEC 60502-1

APPLICATION

Used for the fixed installation of low-voltage electrical networks in conditions requiring reinforced mechanical protection. Suitable for outdoor installation provided it is protected from direct sunlight.



TENSION

0,6/1 kV



CLASS

1 - 2



MAX TEMP

90°C



SOUL

Al



INSULATING

XLPE

TECHNICAL OVERVIEW

Nominal voltage **0,6/1 kV**

Conducting soul **Al**

Flexibility class **Classe 1 - 2**

Number of drivers **1 - 5**

Nominal section **1,5 - 240 mm²**

Insulating **XLPE**

External sheath **PVC**

Serving temperature **90°C**

Armor **STA**



N2XRY

Construction of Cu / XLPE / SWA / PVC cables

IEC 60502-1

HD 603

NM IEC 60502-1

APPLICATION

Used for the fixed installation of low-voltage electrical networks in conditions requiring increased mechanical protection, high reliability, and durability of cable lines. Suitable for outdoor installation provided it is protected from direct sunlight.



TENSION

0,6/1 kV



CLASS

1 - 2



MAX TEMP

90°C



SOUL

Al



INSULATING

XLPE

TECHNICAL OVERVIEW

Nominal voltage **0,6/1 kV**

Conducting soul **Al**

Flexibility class **Classe 1 - 2**

Number of drivers **1 - 5**

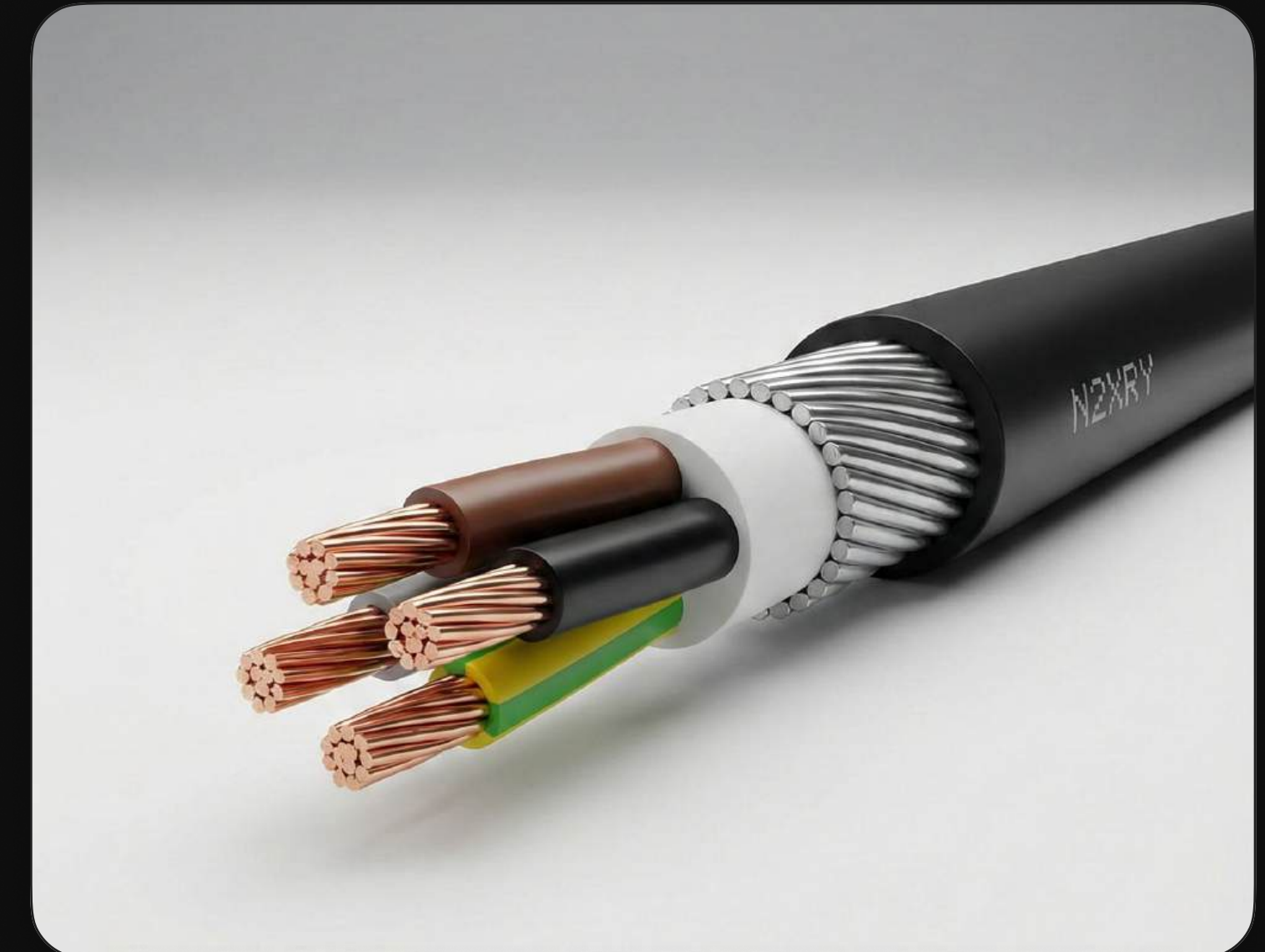
Nominal section **1,5 - 240 mm²**

Insulating **XLPE**

External sheath **PVC**

Serving temperature **90°C**

Armor **SWA**



NA2XRY

AL/XLPE/SWA/PVC cable construction

IEC 60502-1

HD 603

NM IEC 60502-1

APPLICATION

Used for the fixed installation of low-voltage electrical networks in conditions requiring increased mechanical protection, high reliability, and durability of cable lines. Suitable for outdoor installation provided it is protected from direct sunlight.



TENSION

0,6/1 kV



CLASS

1 - 2



MAX TEMP

90°C



SOUL

Al



INSULATING

XLPE

TECHNICAL OVERVIEW

Nominal voltage **0,6/1 kV**

Conducting soul **Al**

Flexibility class **Classe 1 - 2**

Number of drivers **1 - 5**

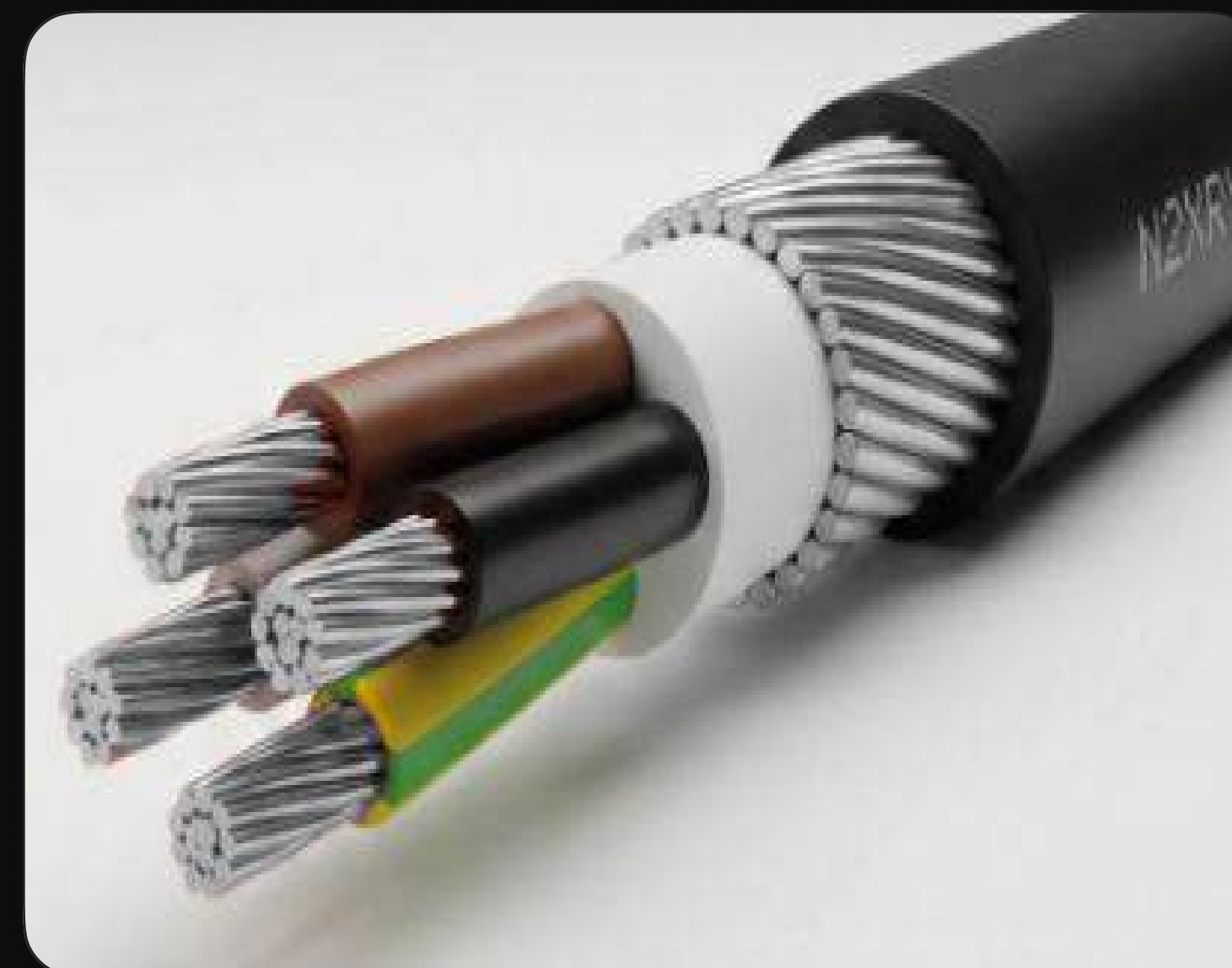
Nominal section **1,5 - 240 mm²**

Insulating **XLPE**

External sheath **PVC**

Serving temperature **90°C**

Armor **SWA**



Control Cable

Construction of Cu/PVC cables

IEC 60502-1

NM IEC 60502-1

APPLICATION

Utilisé pour les connexions internes et la pose de réseaux comportant de nombreux coudes, où une flexibilité accrue est requise.



TENSION

450/700 V



CLASS

2 - 5



MAX TEMP

70°C



SOUL

Cu



INSULATING

PVC

TECHNICAL OVERVIEW

Nominal voltage **450/700 V**

Conducting soul **Cu**

Flexibility class **Classe 2 - 5**

Number of drivers **1 - 5**

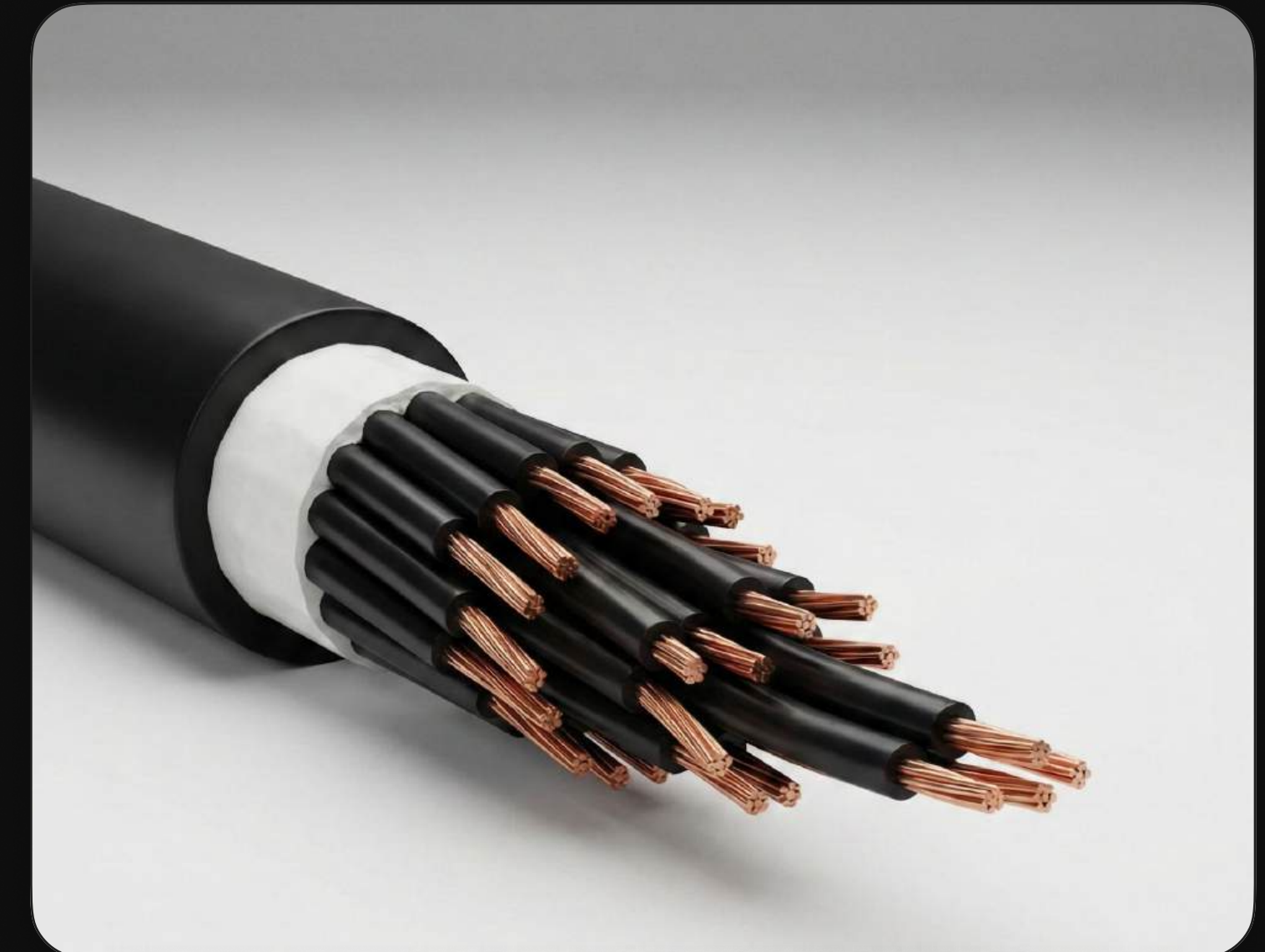
Nominal section **0,5 - 6 mm²**

Insulating **PVC**

External sheath **PVC**

Serving temperature **70°C**

Armor **No**



Shielded Control Cable

Cable construction Cu / PVC / Cu Screen / PVC

IEC 60502-1

NM IEC 60502-1

APPLICATION

Used for the fixed installation of internal electrical networks and the power supply of industrial equipment. Outdoor installation is permitted (protection from direct sunlight is required), as is underground installation, provided there is no significant mechanical load or risk of damage.



TENSION

0,6/1 kV



CLASS

2 - 5



MAX TEMP

70°C



SOUL

Cu



INSULATING

PVC

TECHNICAL OVERVIEW

Nominal voltage **0,6/1 kV**

Conducting soul **Cu**

Flexibility class **Classe 2 - 5**

Number of drivers **2 - 48**

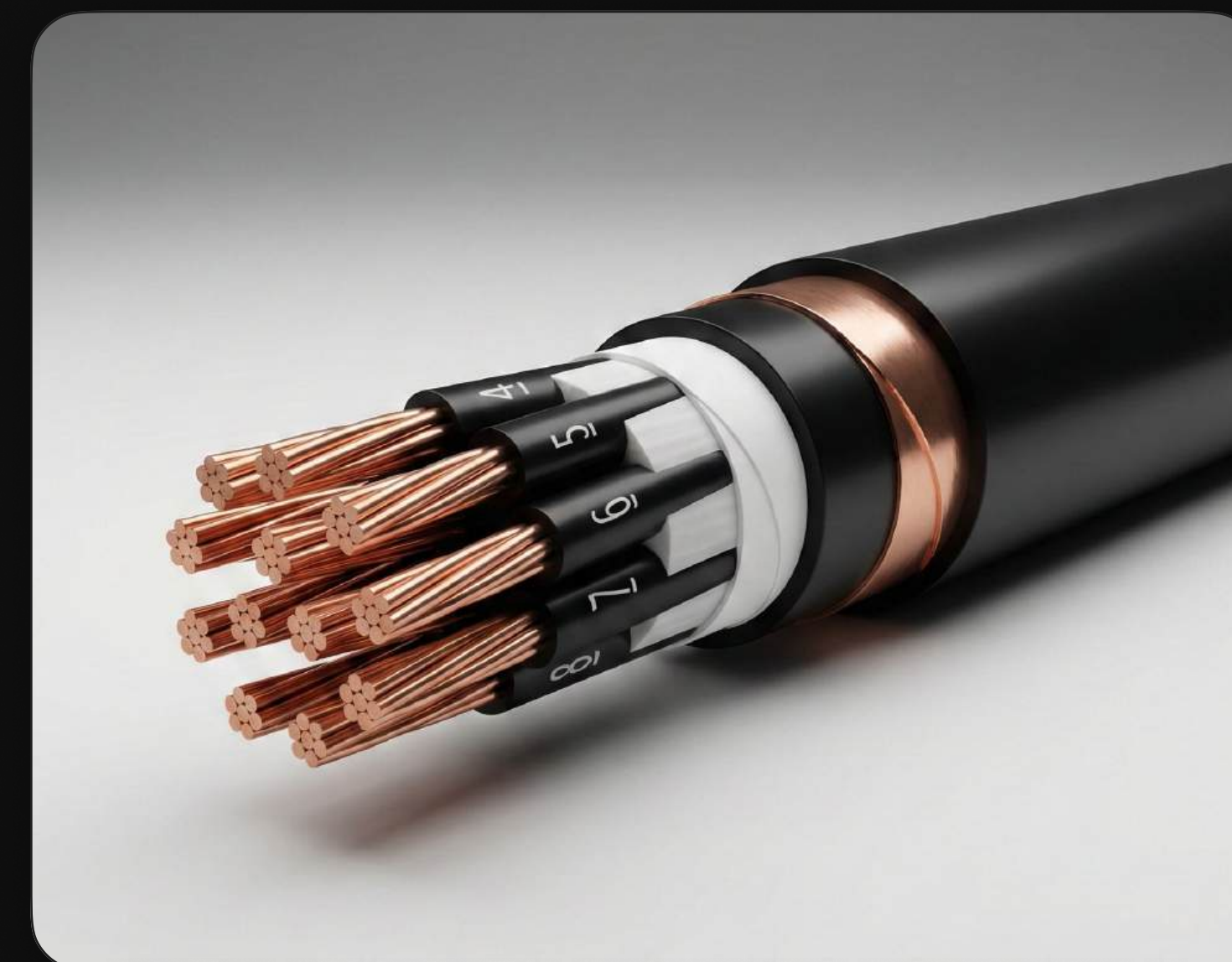
Nominal section **0,5 - 6 mm²**

Insulating **PVC**

External sheath **PVC**

Serving temperature **70°C**

Armor **No**



Twisted cable

Al/XLPE cable construction

IEC 60502-1

HD 626

NM IEC 60502-1

APPLICATION

Used to distribute electrical power via low-voltage overhead lines.



TENSION

0,6/1 kV



CLASS

2



MAX TEMP

90°C



SOUL

Al



INSULATING

XLPE

TECHNICAL OVERVIEW

Nominal voltage **0,6/1 kV**

Conducting soul **Al**

Flexibility class **Classe 2**

Number of drivers **2 - 48**

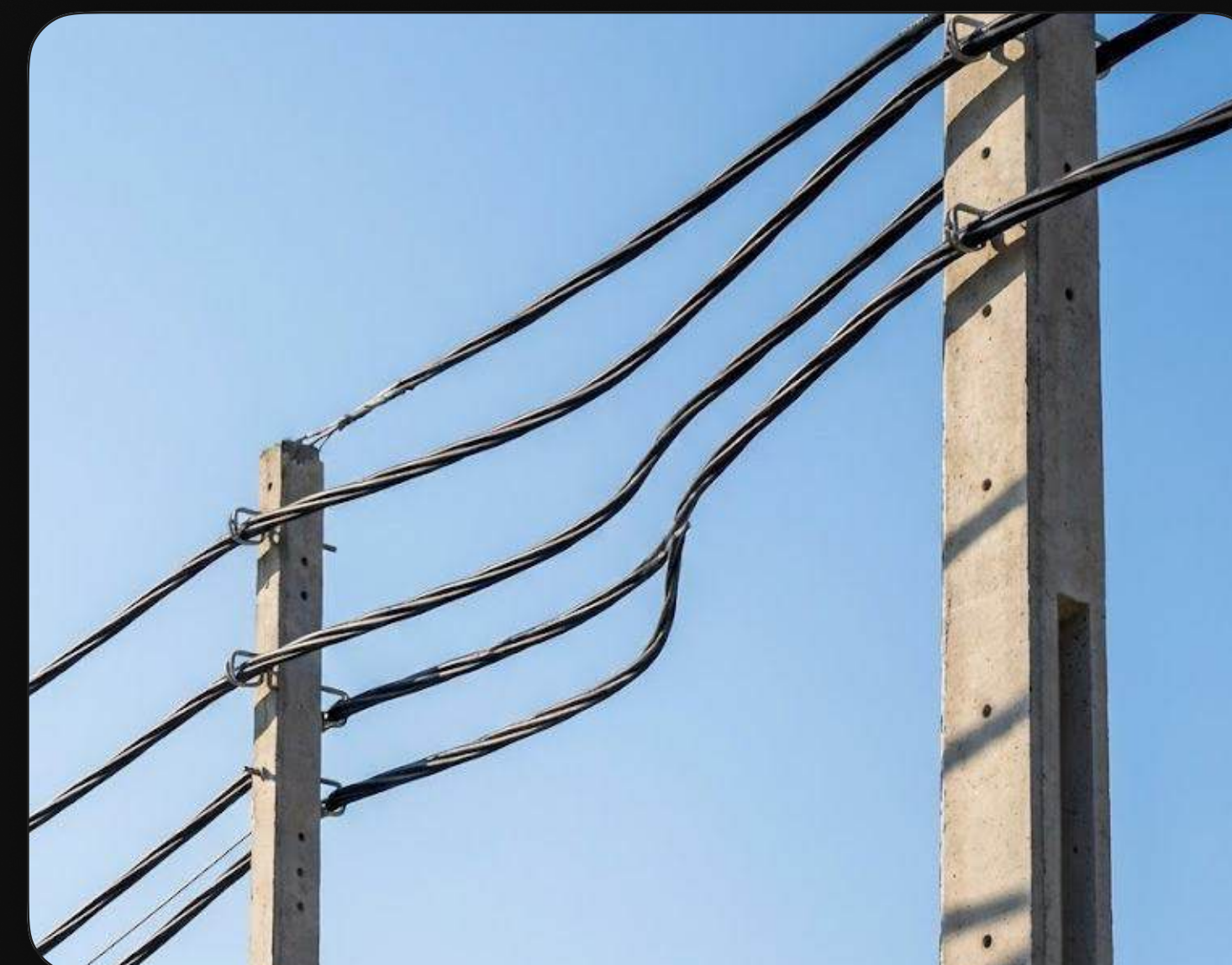
Nominal section **16 - 95 mm²**

Insulating **XLPE**

External sheath **No**

Serving temperature **90°C**

Armor **No**



ETP1 copper wire with high conductivity for cables

Construction CU-ETP1

EN 13601

EN 13602

NM EN 13601

NM EN 13602

APPLICATION

High-conductivity Cu ETP1 copper wire for manufacturing conductors for electrical cables, used in power distribution networks, industrial installations, electrical switchboards, and communication and automation systems

 TENSION
-

 CLASS
-

 MAX TEMP
-

 SOUL
Cu-ETP1

 INSULATING
-

TECHNICAL OVERVIEW

Nominal voltage -

Conducting soul **Cu-ETP1**

Flexibility class -

Number of drivers -

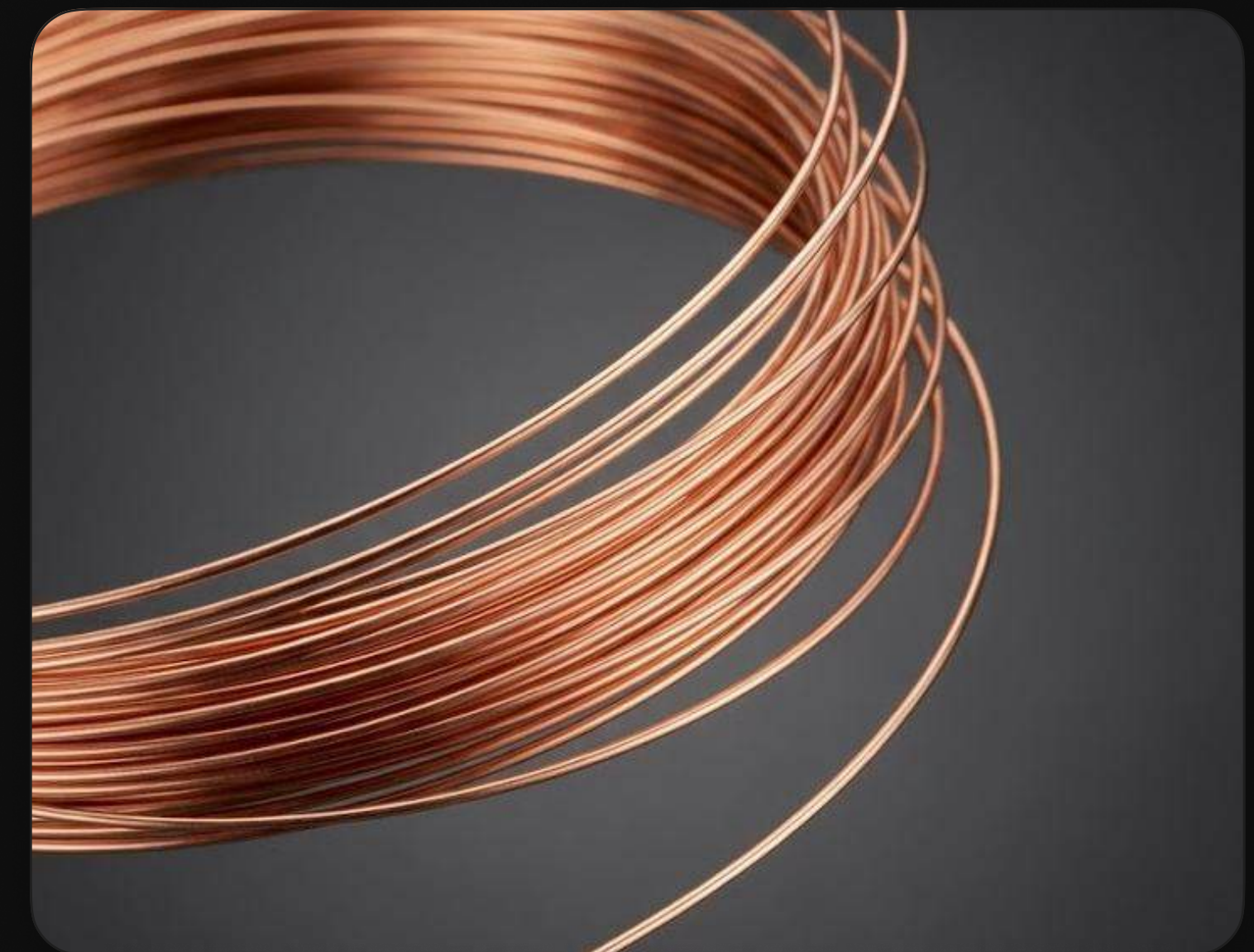
Nominal section -

Insulating -

External sheath -

Serving temperature -

Armor -



Copper bar

Construction Cu-ETP – Barre Plate

NM EN 13601

EN 13601

APPLICATION

Used for fixed wiring in distribution boards and control cabinets, in lighting and power circuits inside buildings where increased flexibility is required



TENSION

-



CLASS

-



MAX TEMP

-



SOUL

Cu



INSULATING

-

TECHNICAL OVERVIEW

Nominal voltage -

Conducting soul **Cu**

Flexibility class -

Number of drivers -

Nominal section -

Insulating -

External sheath -

Serving temperature -

Armor -



Aluminum bar

Construction Al (EN AW-1350) – Barre Plate

EN 573 / EN 515

NM EN 573 / NM EN 515

APPLICATION

Used for the distribution and transmission of electrical power in electrical panels, cabinets, substations, and low- and medium-voltage installations.

 TENSION
-

 SOUL
Al

 CLASS
-

 INSULATING
-

 MAX TEMP
-

TECHNICAL OVERVIEW

Nominal voltage -

Conducting soul **Al**

Flexibility class -

Number of drivers -

Nominal section -

Insulating -

External sheath -

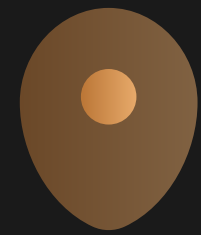
Serving temperature -

Armor -





Location



OEZ Tiflet, Morocco
**Vertically integrated copper & cable
manufacturing cluster**



ICE

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