

Dikkancable

high quality
low voltage
energy cables

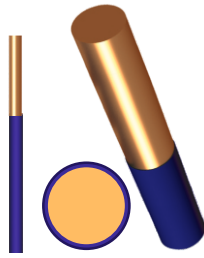
INSTALLATION CABLES

H05V-U

Construction : Cu - PVC
Conductor : Class 1 Copper
Rated Voltage : 300 / 500 V
Max. Temp. : 70°C
Cross Section : 0,50 mm² - 1 mm²

Application Areas

Covered, dry places, in fixed plants, distribution panels.



H05V-K

Construction : Cu - PVC
Conductor : Class 5 Copper
Rated Voltage : 300 / 500 V
Max. Temp. : 70°C
Cross Section : 0,50 mm² - 1 mm²

Application Areas

Connection of mobile equipment, on and under plaster as laid in conduit.

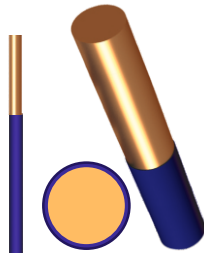


H07V-U

Construction : Cu - PVC
Conductor : Class 1 Copper
Rated Voltage : 450 / 750 V
Max. Temp. : 70°C
Cross Section : 1,50 mm² - 6/10 mm²

Application Areas

Covered, dry places, in fixed plants, in distribution panels.



H07V-K

Construction : Cu - PVC
Conductor : Class 5 Copper
Rated Voltage : 450 / 750 V
Max. Temp. : 70°C
Cross Section : 1,50 mm² - 240 mm²

Application Areas

Connection of mobile equipments, on and under plaster as laid in conduit.

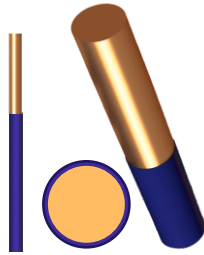


H05Z1-U

Construction : Cu - LSZH
Conductor : Class 1 Copper
Rated Voltage : 300 / 500 V
Max. Temp. : 70°C
Cross Section : 0,50 mm² - 1 mm²

Application Areas

Business centers, shopping centers, hotels, school buildings, tunnels and similar in fire hazard areas.



H05Z1-K

Construction : Cu - LSZH
Conductor : Class 5 Copper
Rated Voltage : 300 / 500 V
Max. Temp. : 70°C
Cross Section : 0,50 mm² - 1 mm²

Application Areas

Business centers, shopping centers, hotels, school buildings, tunnels and similar in fire hazard areas.

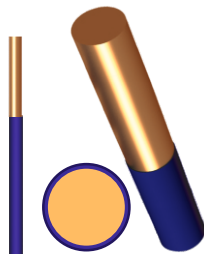


H07Z1-U

Construction : Cu - LSZH
Conductor : Class 1 Copper
Rated Voltage : 450 / 750 V
Max. Temp. : 70°C
Cross Section : 1,50 mm² - 6/10 mm²

Application Areas

Business centers, shopping centers hotels school buildings, tunnels and similar in fire hazard areas.



H07Z1-K

Construction : Cu - LSZH
Conductor : Class 5 Copper
Rated Voltage : 450 / 750 V
Max. Temp. : 70°C
Cross Section : 1,50 mm² - 240 mm²

Application Areas

Business centers, shopping centers, hotels, school buildings, tunnels and similar in fire hazard areas.



H07V-R / H07Z1-R

Construction : Cu - PVC / Cu - LSZH
Conductor : Class 2 Copper
Rated Voltage : 450 / 750 V
Max. Temp. : 70°C
Cross Section : 1,5 mm² - 400 mm²

Application Areas

H07V-R: Covered, dry places, in fixed plants, in distribution panels.
H07Z-R: Business centers, shopping centers, hotels, school buildings, tunnels and similar in fire hazard areas.



H03VV-F / H03Z1Z1-F

Construction : Cu-PVC-PVC / Cu-LSZH-LSZH
Conductor : Class 5 Copper
Rated Voltage : 300 / 300 V
Max. Temp. : 70°C
Cross Section : 0,50 mm² - 0,75 mm²

Application Areas

H03VV-F: Domestic premises, kitchens and offices for light duties.
H03Z1Z1-F: Energy networks in hotels, schools, tunnels, high constructions, hospitals, power plants.

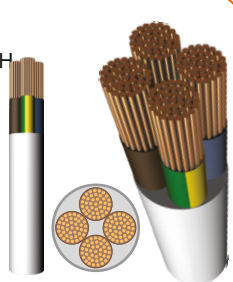


H05VV-F / H05Z1Z1-F

Construction : Cu-PVC-PVC / Cu-LSZH-LSZH
Conductor : Class 5 Copper
Rated Voltage : 300 / 500 V
Max. Temp. : 70°C
Cross Section : 0,75 mm² - 4 mm²

Application Areas

H05VV-F: Dry and humid areas, household equipments.
H05Z1Z1-F: Refineries, hotels, schools, tunnels, high constructions, hospitals, power plants, data processing centers.

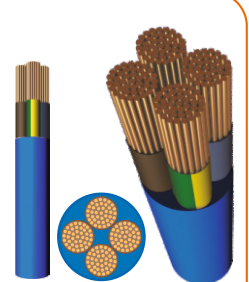


ARCTIC GRADE / 318*Y ARCTIC

Construction : Cu - A - PVC - A - PVC
Conductor : Copper Class 5
Rated Voltage : 300 / 500 V
Max. Temp. : 70°C
Cross Section : 1,5 mm² - 16 mm²

Application Areas

Low voltage household appliances under less mechanical compulsion used in low temperature applications.

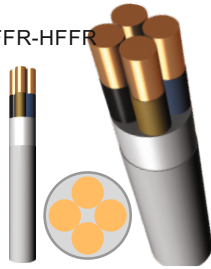


NYM / NHXMH

Construction : Cu-PVC-PVC-PVC/Cu-XLPE-HFFR-HFFR
Conductor : Class 1 or Class 2 Copper
Rated Voltage : 300 / 500 V
Max. Temp. : 70°C / 90°C
Cross Section : 1,50 mm² - 35 mm²

Application Areas

NYM: Dry humid areas that there are no mechanical compulsion, under and on the plaster.
NHXMH: Refineries, hotels, schools, tunnels, high constructions, hospitals, power plants, data processing centers.

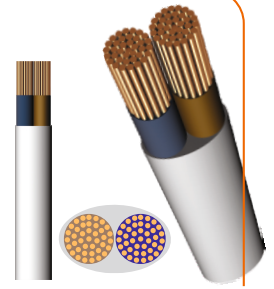


H03VVH2-F / H05VVH2-F

Construction : Cu - PVC - PVC
Conductor : Class 5 Copper
Rated Voltage : 300 / 300 V - 300 / 500 V
Max. Temp. : 70°C
Cross Section : 0,50 mm² - 0,75 mm²
 0,75 mm² - 1,5 mm²

Application Areas

Connection cables, dry and humid places, household equipments.



H07VVH6-F

Construction : Cu - PVC - PVC
Conductor : Class 5 Copper
Rated Voltage : 450 / 750 V
Max. Temp. : 70°C
Cross Section : 1,5 mm² - 25 mm²

Application Areas

Lift and submersible pumps.

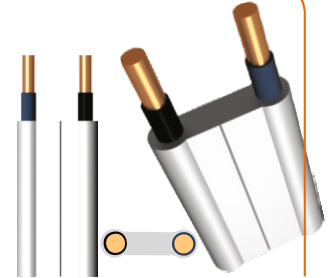


NYIFY-U / NYIFY-F

Construction : Cu - PVC - PVC
Conductor : Copper Class 1 / 5
Rated Voltage : 300 / 500 V
Max. Temp. : 70°C
Cross Section : 1 mm² - 4 mm²

Application Areas

Dry and humid areas, all type of factory, warehouse and depots where there is fire and explosion threat, fixed installations laying in conduit on and under plaster.



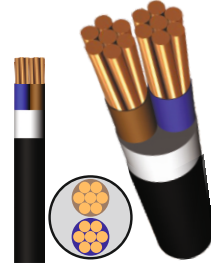
LOW VOLTAGE ENERGY CABLES WITH COPPER CONDUCTOR

NYN

Construction : Cu - PVC - PVC - PVC
Conductor : 1,5 mm² - 6 mm² Class 1 Copper
 10 mm² - 300 mm² Class 2 Copper
Rated Voltage : 0,6 / 1 kV
Max. Temp. : 70°C
Cross Section : 1,5 mm² - 300 mm²

Application Areas

Underground which there are not much outer factors and inside cable conduits.

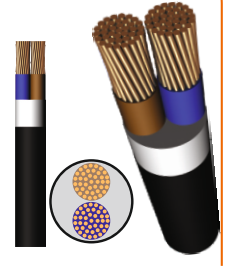


NYN-K

Construction : Cu - PVC - PVC - PVC
Conductor : Class 5 Copper
Rated Voltage : 0,6 / 1 kV
Max. Temp. : 70°C
Cross Section : 0,75 mm² - 25 mm²

Application Areas

Underground which there are not much outer factors and inside cable conduits.

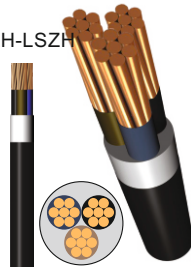


N2XY / N2XH

Construction : Cu-XLPE-PVC-PVC / Cu-XLPE-LSZH-LSZH
Conductor : 1,5 mm² - 6 mm² Class 1 Copper
 10 mm² - 300 mm² Class 2 Copper
Rated Voltage : 0,6 / 1 kV
Max. Temp. : 90°C
Cross Section : 1 mm² - 240 mm²

Application Areas

N2XY: In ground, outdoors, in concrete, indoors and in cable.
N2XH: refineries, hotels, schools, tunnels, high constructions, hospitals, power plants, data processing centers.

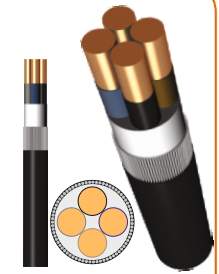


NYRY

Construction : Cu - PVC - PVC - SWA - PVC
Conductor : 1,5 mm² - 6 mm² Class 1 Copper
 10 mm² - 300 mm² Class 2 Copper
Rated Voltage : 0,6 / 1 kV
Max. Temp. : 70°C
Cross Section : 1,5 mm² - 300 mm²

Application Areas

Underground installations



N2XRY - N2XRH

Construction : Cu-XLPE-PVC-SWA-PVC / Cu-XLPE-LSZH-SWA-LSZH
Conductor : 1,5 mm² - 6 mm² Class 1 Copper
 10 mm² - 300 mm² Class 2 Copper
Rated Voltage : 0,6 / 1 kV
Max. Temp. : 90°C
Cross Section : 1,5 mm² - 240 mm²

Application Areas

N2XRY: Underground installations
N2XRH: Energy networks in hotels, schools, tunnels, high constructions, hospitals, power plants, data processing centers.

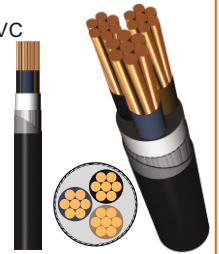


NYFGY

Construction : Cu - PVC - PVC - GSFA - STA - PVC
Conductor : Class 2 Copper
Rated Voltage : 0,6 / 1 kV
Max. Temp. : 70°C
Cross Section : 1,5 mm² - 300 mm²

Application Areas

In underground installations



NF CABLES

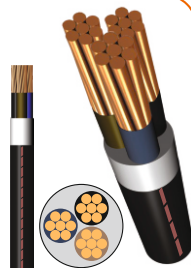


R2V

Construction : Cu - XLPE - PVC - PVC
Conductor : 1,5 mm² - 6 mm² Copper Class 1
 10 mm² - 300 mm² Copper Class 2
Rated Voltage : 0,6 / 1 kV
Max. Temp. : 90°C
Cross Section : 1,5 mm² - 240 mm²

Application Areas

Energy networks with sudden load changes, installed mainly in residential or industrial areas. May be laid outdoors underground or in ducts.

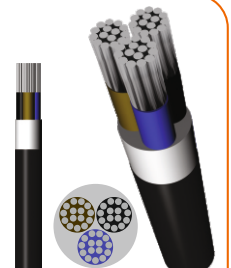


AR2V

Construction : Al - XLPE - PVC - PVC
Conductor : Aluminium Class 2
Rated Voltage : 0,6 / 1kV
Max. Temp. : 90°C
Cross Section : 16 mm² - 300 mm²

Application Areas

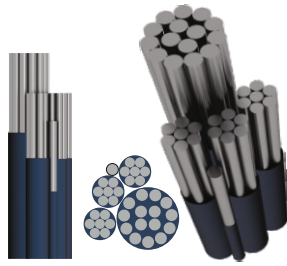
In energy networks with sudden load changes, installed mainly in residential or industrial areas.



LOW VOLTAGE ENERGY CABLES WITH ALUMINIUM CONDUCTOR

AER / ALPEK

Construction : Al - Pe - AA
Conductor : Class 2 Aluminium
Rated Voltage : 0,6 / 1kV
Max. Temp. : 90°C
Cross Section : 16 mm² - 120 mm²

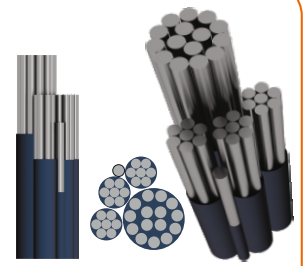


Application Areas

Power distribution in populated areas.

ABC

Construction : Al - XLPE or Al - PE
Conductor : Class 2 Aluminium
Rated Voltage : 0,6 / 1kV
Max. Temp. : 90°C
Cross Section : 16 mm² - 300 mm²

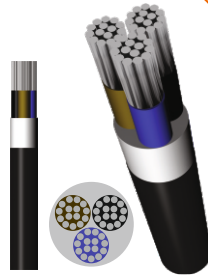


Application Areas

Power distribution in populated areas.

NAYY

Construction : Al - PVC - PVC - PVC
Conductor : Class 2 Aluminium
Rated Voltage : 0,6 / 1kV
Max. Temp. : 70°C
Cross Section : 16 mm² - 300 mm²



Application Areas

Underground, outdoors, in water, in concrete, indoors, and in cable ducts where no mechanical damage is to be expected.

NAYRY

Construction : Al - PVC - PVC - SWA - PVC
Conductor : Class 2 Aluminium
Rated Voltage : 0,6 / 1kV
Max. Temp. : 70°C
Cross Section : 16 mm² - 300 mm²

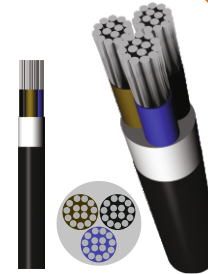


Application Areas

Indoors and outdoors, in cable ducts, underground, in power or switching stations, local energy distributions, industrial plants, where there is no risk of mechanical damage.

NA2XY

Construction : Al - XLPE - PVC - PVC
Conductor : Class 2 Aluminium
Rated Voltage : 0,6 / 1kV
Max. Temp. : 90°C
Cross Section : 16 mm² - 300 mm²



Application Areas

Energy networks with sudden load changes, installed mainly in residential or industrial areas.

NA2XRY

Construction : Al - XLPE - PVC - SWA - PVC
Conductor : Class 2 Aluminium
Rated Voltage : 0,6 / 1kV
Max. Temp. : 90°C
Cross Section : 16 mm² - 300 mm²



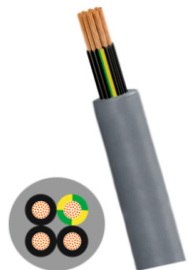
Application Areas

Underground installations

CONTROL, TRAFFIC SIGNAL & SOLAR CABLES

YY / YY-LSZH CONTROL CABLE

Construction : Cu-PVC-PVC / Cu-LSZH-LSZH
Conductor : Class 5 Copper
Rated Voltage : 300 / 500 V
Max. Temp. : 70°C
Cross Section : 0,75 mm² - 4 mm²



Application Areas

YY: Machine tool engineering, plant installation, car production lines, and automated production facilities.
 YY-LSZH: Plant installation, production lines where fire, smoke emission and toxic fumes create a potential threat to environment.

YY-SY / SY-LSZH CONTROL CABLE

Construction : Cu - PVC - PVC - GSWB - PVC
 Cu-LSZH-LSZH-GSWB-LSZH
Conductor : Class 5 Copper
Rated Voltage : 300 / 500 V
Max. Temp. : 70°C
Cross Section : 1,5 mm² - 35 mm²



Application Areas

Measuring, controlling or regulation in control equipment for assembly and production lines, conveyors and for computer units.

YY-CY CONTROL CABLE

Construction : Cu - PVC - PVC - TCWB - PVC
Conductor : Class 5 Copper
Rated Voltage : 300 / 500 V
Max. Temp. : 70°C
Cross Section : 1,5 mm² - 35 mm²

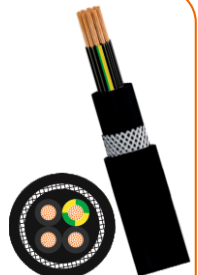


Application Areas

Measurement and control equipment, office machine

CY-LSZH CONTROL CABLE

Construction : Cu - LSZH - LSZH - TCWB - LSZH
Conductor : Class 5 Copper
Rated Voltage : 300 / 500 V
Max. Temp. : 70°C
Cross Section : 1,5 mm² - 35 mm²



Application Areas

Production plant, fixed and mobile equipment where fire, smoke emission and toxic fumes create a potential threat to environment.

TRAFFIC SIGNAL CABLE (BS6346)

Construction : Cu - PVC - PVC - SWA - PVC
Conductor : Class 1 Copper
Rated Voltage : 0,6 / 1 kV
Max. Temp. : 70°C
Cross Section : 1 mm² - 2,5 mm²



Application Areas

Traffic signaling systems.

PV1-F SOLAR CABLE

Construction : CuSn/XL - HFFR/XL - HFFR
Conductor : Class 5 Copper
Rated Voltage : 0,6 / 1kV
Max. Temp. : 90°C
Cross Section : 1,50 mm² - 240 mm²



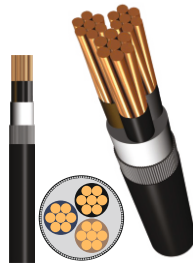
Application Areas

Solar panel and photovoltaic systems

BS CABLES

BS 5467

Construction : Cu - XLPE - PVC - SWA - PVC
Conductor : 1,5 mm² - 6 mm² Copper Class 1
 10 mm² - 240 mm² Copper Class 2
Rated Voltage : 0,6 / 1 kV
Max. Temp. : 90°C
Cross Section : 1,5 mm² - 240 mm²



Application Areas

Direct burial, free-draining soil conditions for fixed indoor and outdoor installations.

BS 6724

Construction : Cu - XLPE - LSZH - SWA - LSZH
Conductor : Copper Class 2
Rated Voltage : 0,6 / 1kV
Max. Temp. : 90°C
Cross Section : 1,5 mm² - 35 mm²



Application Areas

Direct burial, free-draining soil conditions for fixed indoor and outdoor installations. Low level of smoke emission and corrosive gasses in case of fire.

6181Y / 6181XY / 6181XB

Construction : Cu-PVC-PVC / Cu-XLPE-PVC / Cu-XLPE-LSZH
Conductor : 1 mm² - 6 mm² Copper Class 1
 4 mm² - 25 mm² Copper Class 2
Rated Voltage : 300-500 V / 450-750 V / 450-750 V
Max. Temp. : 70°C / 90°C / 90°C
Cross Section : 1 mm² - 25 mm²

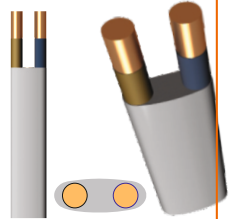


Application Areas

6181 Y / 6181 XY: Installation in walls, on boards and in channels or embedded in plaster.
6181 XB: Installation in walls, on boards and in channels or embedded in plaster. Low level of smoke emission and corrosive gasses in case of fire.

619 *Y

Construction : Cu - PVC - PVC
Conductor : 1 mm² - 2,5 mm² Copper Class 1
 4 mm² - 16 mm² Copper Class 2
Rated Voltage : 300 / 500 V
Max. Temp. : 70°C
Cross Section : 1 mm² - 16 mm²

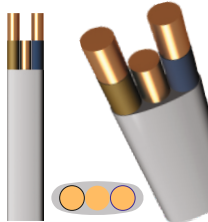


Application Areas

Installation in walls, on boards and in channels or embedded in plaster.

624 *B

Construction : Cu - XLPE - HFFR
Conductor : 1 mm² - 2,5 mm² Copper Class 1
 4 mm² - 16 mm² Copper Class 2
Rated Voltage : 300 / 500 V
Max. Temp. : 90°C
Cross Section : 1 mm² - 16 mm²

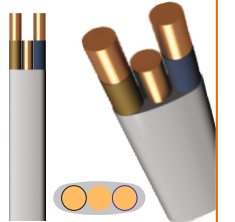


Application Areas

Installation in walls, on boards and in channels or embedded in plaster.

624 *Y

Construction : Cu - PVC - PVC
Conductor : 1 mm² - 2,5 mm² Copper Class 1
 4 mm² - 16 mm² Copper Class 2
Rated Voltage : 300 / 500 V
Max. Temp. : 70°C
Cross Section : 1 mm² - 16 mm²

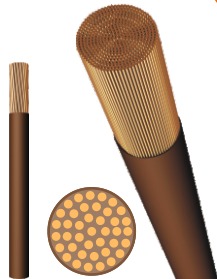


Application Areas

Installation in walls, on boards and in channels or embedded in plaster.

6491*B

Construction : Cu/XL - LSZH
Conductor : Class 5 Copper
Rated Voltage : 450 / 750 V
Max. Temp. : 90°C
Cross Section : 1,50 mm² - 240 mm²

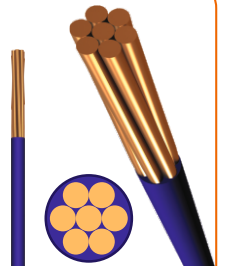


Application Areas

Business centers, shopping centers, hotels, school buildings, tunnels and similar in fire hazard areas.

6491*B

Construction : Cu/XL - LSZH
Conductor : Class 2 Copper
Rated Voltage : 450 / 750 V
Max. Temp. : 90°C
Cross Section : 1,5 mm² - 400 mm²

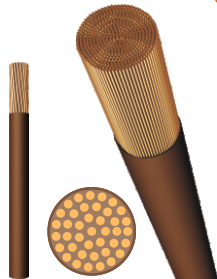


Application Areas

Business centers, shopping centers, hotels, school buildings, tunnels and similar in fire hazard areas.

6491*X

Construction : Cu - PVC
Conductor : Class 5 Copper
Rated Voltage : 450 / 750 V
Max. Temp. : 70°C
Cross Section : 1,50 mm² - 240 mm²

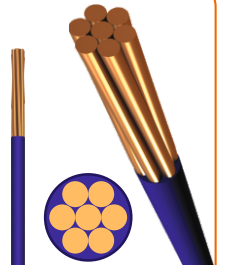


Application Areas

Connection of mobile equipments, on and under plaster as laid in conduit.

6491*X

Construction : Cu - PVC
Conductor : Class 2 Copper
Rated Voltage : 450 / 750 V
Max. Temp. : 70°C
Cross Section : 1,5 mm² - 400 mm²

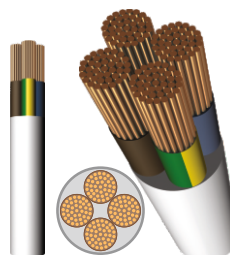


Application Areas

Covered, dry places, in fixed plants, in distribution panels.

218*Y

Construction : Cu-PVC-PVC
Conductor : Class 5 Copper
Rated Voltage : 300 / 300 V
Max. Temp. : 70°C
Cross Section : 0,50 mm² - 0,75 mm²

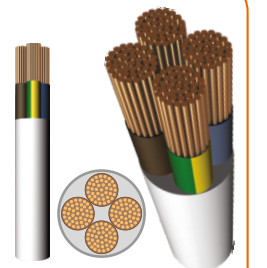


Application Areas

Domestic premises, kitchens and offices for light duties.

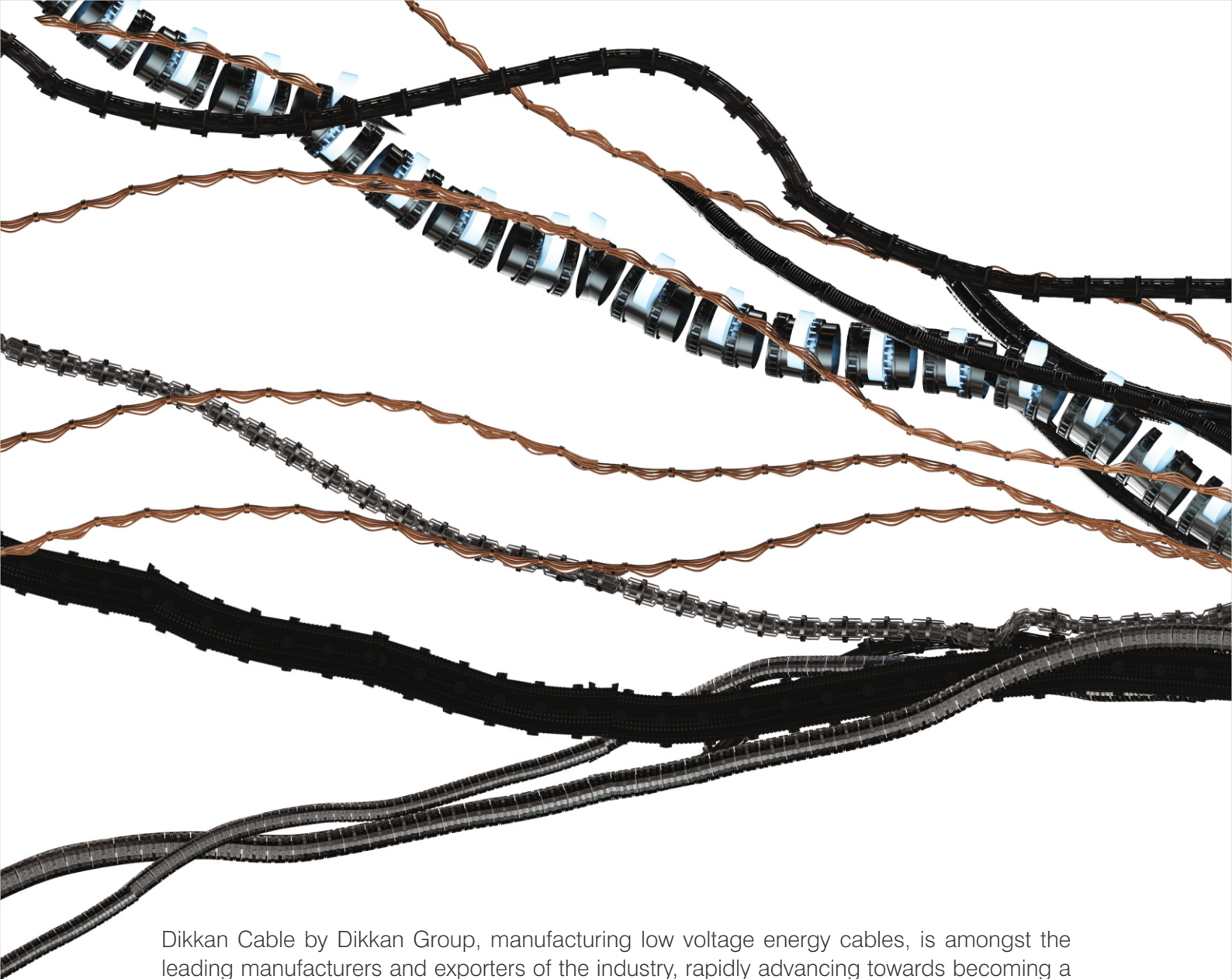
318*Y

Construction : Cu-PVC-PVC
Conductor : Class 5 Copper
Rated Voltage : 300 / 500 V
Max. Temp. : 70°C
Cross Section : 0,75 mm² - 4 mm²



Application Areas

Dry and humid areas, household equipments.



Dikkan Cable by Dikkan Group, manufacturing low voltage energy cables, is amongst the leading manufacturers and exporters of the industry, rapidly advancing towards becoming a global brand. The brand appeals to the world market with its broad range of products such as installation cables, flexible cables, copper and aluminum conductive PVC / XLPE / HFFR insulated low voltage cables, armoured cables, flat cables, halogen-free fire-resistant cables, control cables and solar cables. The production is realized in a 36.000m² area with 15.000 m² closed area.

Dikkan Cable manages its business conduct in accordance with EN ISO 9001:2015 and EN ISO 14001:2015 regulations and realizes production according to international standards such as TSE, HAR, CE, CPR and NF. With its modern production technology, wide machine park and qualified laboratory, Dikkan Cable provides high quality products in a wide range with the satisfactory service.

Dikkan Cable continues its investments by designating the requirements of the industry, using its R&D and brand power, and its command over technology for the purpose of sustained growth.



DİKKAN CABLE

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