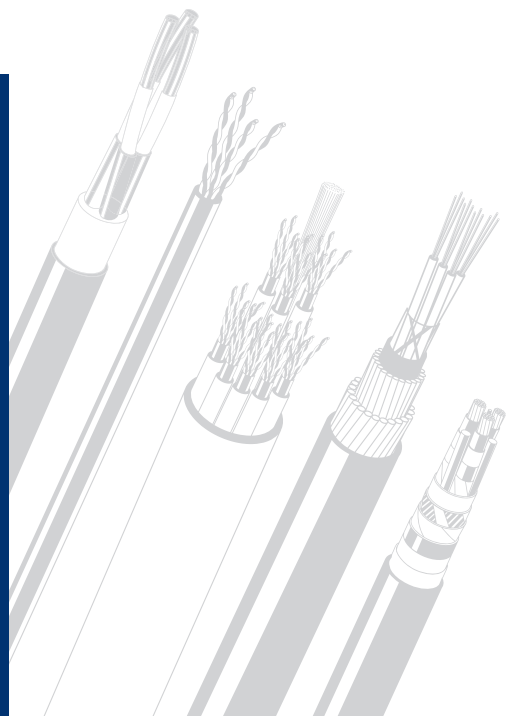
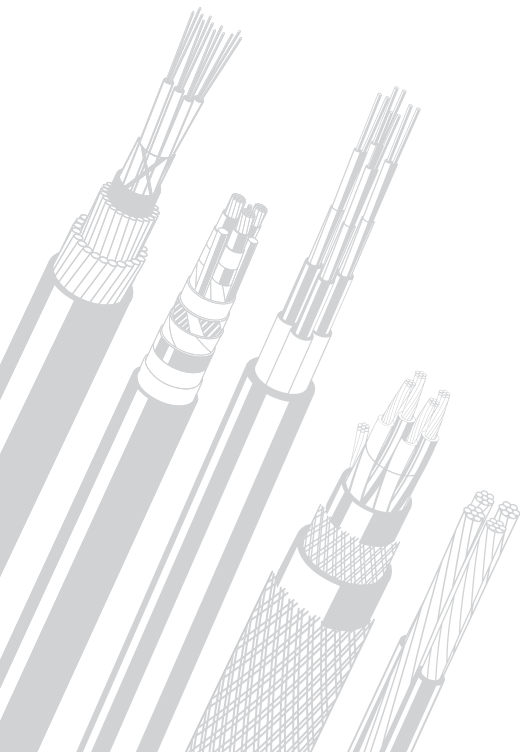




ODESKABEL

70
YEARS of
QUALITY

**POWER CABLES,
WIRES AND
CORDS**



ODESKABEL

Public Joint Stock Company «**Odeskabel**» was founded in 1949. Through the years of its development, the plant has become the largest cable manufacturer in Ukraine.

The plant product range totals more than 10 000 wire and cables types.

Today, Odessa cable works is a reliable manufacturer & supplier of high quality cable products for most industrial applications - telecommunications, energy, construction, mining etc.

Odeskabel is a significant cable market player, reputable well-equipped producer, a member of ICF (<http://www.icf.at>).

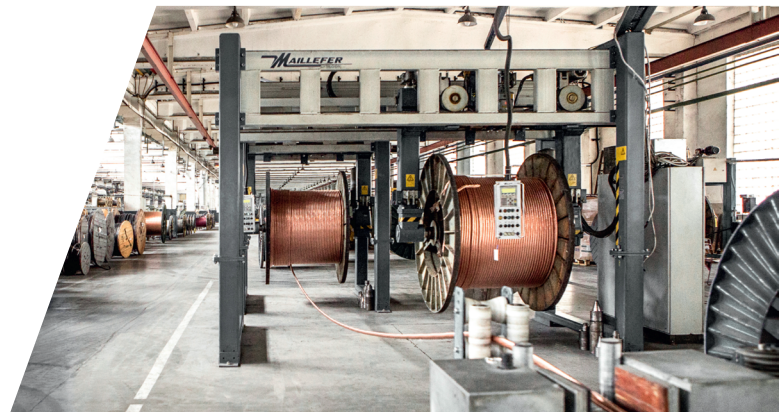
The high quality of Odeskabel's products has been confirmed by testing in international laboratories and by deployment of the following international standards:

- **ISO 9001:2015 (TÜV)** – design and production of wires and cables;
- **DSTU ISO 14001** – environment management system;
- **DSTU OHSAS 18001 and SA 8000** – industrial safety and social responsibility management systems.

POWER CABLES BY ODESKABEL

Main directions of Power Cables Production are:

- XLPE medium voltage power cables from 0.6 up to 36 kV;
- PVC low voltage power cables, wires and cords;
- PVC control cables;
- Aerial bundled cables with XLPE insulation for overhead power lines;
- Fire resistance power cables FE180/E90;
- Photovoltaic solar cables;
- etc.



REFERENCE: The performance of medium voltage power cables manufactured by ODESKABEL is confirmed by long-term ageing test for Medium Voltage Cable family acc. to CENELEC HD605 / HD620, carried out in SINTEF (Trondheim, Norway).

PVC POWER CABLES&WIRES FOR FIXED INSTALLATION

The cables are used for power transmission and distribution, for fixed installation in conduits and on or under plaster.

Requirements compliance:	TU U 31.3-05758730-024-2002;	DSTU EN 50525;
	TU U 31.3-05758730-025-2002;	DSTU EN 60228;
	DSTU IEC 60502-160332-3-22;	DSTU EN 60332-1-2, DSTU EN 60332-3-22.

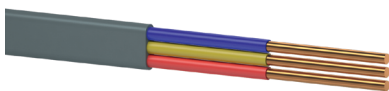
AYKY (AVVG), CYKY, YDY (VVG)



AYKY (AVVG), CYKY, YDY (VVG) – with aluminium or copper conductors (class 1 or 2 acc. to EN 60228), with PVC insulation and PVC outer sheath (option: with pvc or unvulcanized rubber filler).

NOTE: for these cable types comply with foreign-made analogues: NAYY, NYY, CYKY, YDY

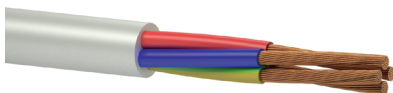
CYKYL_o 450/750, YDY_p 450/750 (VVG-P, VVP-1)



CYKYL_o 450/750, YDY_p 450/750 (VVG-P, VVP-1) – with solid copper conductors (re – class 1 acc. to EN 60228), with PVC insulation and PVC sheath. Cable shape: flat.

NOTE: for these cable types comply with foreign-made analogues: CYKYL_o, YDY_p.

H05VV-F 300/500 (PVS_n)



H05VV-F 300/500 (PVS_n) – with copper conductors (class 5 acc. to EN 60228), with PVC insulation and PVC sheath.

H07V-K 450/750 (PV5)



H07V-K 450/750 (PV5) – single core wire with copper conductor (class 5 acc. to EN 60228), with PVC insulation.

MEDIUM VOLTAGE POWER CABLES WITH XLPE INSULATION, RATED VOLTAGE 6-36 KV.

Application

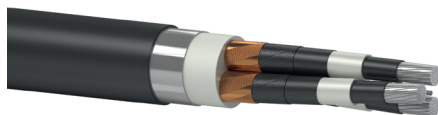
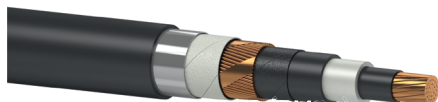
The cables are used for power transmission and distribution in stationary electric power plants with a rated voltage from 6 to 36 kV (included) and rated 50 Hz frequency.

Single and three-core cables as well as armoured cables are manufactured.

Requirements compliance: DSTU IEC 60502-2; CENELEC HD 620 S2, CENELEC HD 605 S2;
ДСТУ IEC 60840; TU U 27.3-05758730-093:2017.

Medium voltage power cables by ODESKABEL: the performance is confirmed by long-term ageing test for Medium Voltage Cable family acc. to CENELEC HD605 / HD620, carried out in SINTEF Energy Research (Trondheim, Norway).

APvPg, PvPg



APvPg, PvPg – medium voltage power cables with aluminium or copper conductors, with XLPE-insulation, longitudinal screen sealing and polyethylene outer sheath.

Option: APvPgau, PvPgau – medium voltage power cables with aluminium or copper conductors, with XLPE insulation, longitudinally and radially watertight, with polyethylene outer sheath

NOTE: for these cable types comply with foreign-made analogues: **NA2XS(F)2Y (DE)**, **Al/XLPE/CWS/MDPE (UK)**, **XUHAKXS (PL)** and **N2XS(F)2Y (DE)**, **CU/XLPE/CWS/MDPE (UK)**, **XUHKXS (PL)**.

Option: NA2XS(FL)2Y, N2XS(FL)2Y.

APvVg, PvVg - medium voltage power cables with aluminium or copper conductors, with XLPE-insulation, longitudinal screen sealing and PVC outer sheath.

NOTE: for these cable types comply with foreign-made analogues: **NA2XSY (DE)**, **Al/XLPE/CWS/PVC (UK)**, **YHAKXS (PL)** and **N2XSY (DE)**, **CU/XLPE/CWS/PVC (UK)**, **YHKXS (PL)**.

AERIAL BUNDLED CABLES WITH LIGHT-STABILIZED XLPE INSULATION FOR OVERHEAD POWER LINES.

Application

Aerial bundled cables are used for laying:

- aerial electric power lines for the rated voltage of 0.6/1 kV;
- branches from aerial electric power lines for the rated voltage of 0.6/1 kV to the input and for the laying on the walls of buildings and engineering structures.

Conductor operation temperature is up to +90°C.

Requirements compliance:

DSTU 4743:2007;

TU U 31.3-05758730-048:2007.

<p>AXKA</p> 	<p>AXKA: aerial bundled cables with light-stabilized XLPE-insulation, with neutral carrier conductor XLPE-insulated.</p> <p>NOTE: for this wire type comply with foreign-made analogues: NFA2X.</p>
<p>AA_sXS_N</p> 	<p>AA_sXS_N: single-core self-carrying high voltage wires. Self-carrying high voltage single core cable with aluminium alloy conductor XLPE insulated – for mains of overhead transmission lines, rated voltage from 10 to 35kV and frequency 50 Hz.</p> <p>NOTE: for this wire type comply with foreign-made analogues: SAX, ADX-K</p>
<p>AsXS; AsXS_N</p> 	<p>AsXS: aerial bundled cables with aluminium conductors light-stabilized XLPE-insulated.</p> <p>AsXS_N – self-carrying flame-retardant wires with light-stabilized XLPE-insulation.</p>


SOLAR CABLES FOR PHOTOVOLTAIC SYSTEMS

FLEXIBLE SINGLE CORE HALOGEN FREE PHOTOVOLTAIC CABLE H1Z2Z2-K

Description

Cables are designed for use in photovoltaic power supply systems: indoor and/or outdoor. The special insulation has qualities of high abrasion resistance to high temperature. Special insulation has property of flame retardant and ozone resistance. Cables are resistant to climatic influences, UV radiation, oils and chemicals.

Requirements compliance: EN 50618; IEC 60332-1-2.

H1Z2Z2-K	
	Construction Conductor: electrolytic tinned copper, class 5 acc. to IEC 60228 Insulation: halogen free cross-linked polyolefin Insulation color: natural Outer sheath: halogen free cross-linked polyolefin Sheath color: black (red, blue - upon a request)
Characteristics Electrical parameters: Rated voltage U0/U 1,0/1,0 kV AC; 1,5/1,5 kV DC Max. voltage: 1,2 kV AC; 1,8 kV DC (conductor/conductor, non-earthed system, circuit not under load) Test voltage: 6,5kV AC; 15kV DC	Thermal parameters: Ambient temperature in operation, °C -40...+90 Ambient temperature for installation, °C -25...+40 Max. conductor temperature, °C 90 (Max. conductor temp 120°C and at a max. amb. temp of 90 °C is limited to 20 000 h.) Max. short-circuit temperature on conductor, °C 250 (5 sec)
Fire performance: Flame retardant acc. to IEC 60332-1-2; Halogen free acc. to EN 50525-1, Annex B;	Mechanical parameters: Tensile rating in operation, N/ mm ² 15 Min bending radius: 4 diam. cable (fixed); 5 diam. cable (flexing)

REFERENCE: ODESKABEL has an extensive experience of supplying cables for the green energy projects (in particular, for the construction of solar power plants as well). For such "green" projects, the plant offers our customers the complex cable solutions for the implementation of alternative energy projects and supplies the related cable products necessary for them as low voltage and medium voltage power cables, aerial bundled cables, LAN cables, Fiber optic cables, etc.

PRODUCTS OF ODESKABEL

FIBER OPTIC CABLES

- FTTH fiber optic cables
- Indoor fiber optic cables
- Multitube fiber optic cables
- Unitube fiber optic cables

POWER CABLES, WIRES AND CORDS

- Wires and cords
- PVC power cables rated voltage 0.66-6 kV
- Flexible power cable
- Control cables
- Fire resistant power cable
- Solar cables for photovoltaic systems
- LV Power cables with XLPE insulation rated voltage 0.6/1 kV
- MV Power cables with XLPE insulation rated voltage 6-35 kV
- Aerial bundled cables (including pre-assembled aerial cables)
- Bare copper and aluminium wires
- Cables for rolling stock

HEATING CABLES

- For floor heating (warm floor)
- For heating the roof and gutters (anti-icing)
- For heating open areas (snow melting)
- For heating pipes (frost protection)
- To heat the soil
- Heating cables

COMMUNICATION CABLES

- LAN-cables
- Railways signalling cables
- Communication wires and cables
- High frequency communication cables
- Telephone and station communication cables
- Mine communication cables
- Telephone cables for subscriber access networks

RADIO FREQUENCY AND SPECIAL CABLES

- Low cost radio frequency and special cables
- Interface cables
- Speaker cables
- Cables for industrial network ProfiBus
- LiYCY data cables
- Alarm Cables
- Combined CCTV Cables
- RF cables for cable systems / satellite tv and cctv
- Radio frequency cables for radio electronic and antenna-feeder equipment systems



ODESKABEL

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