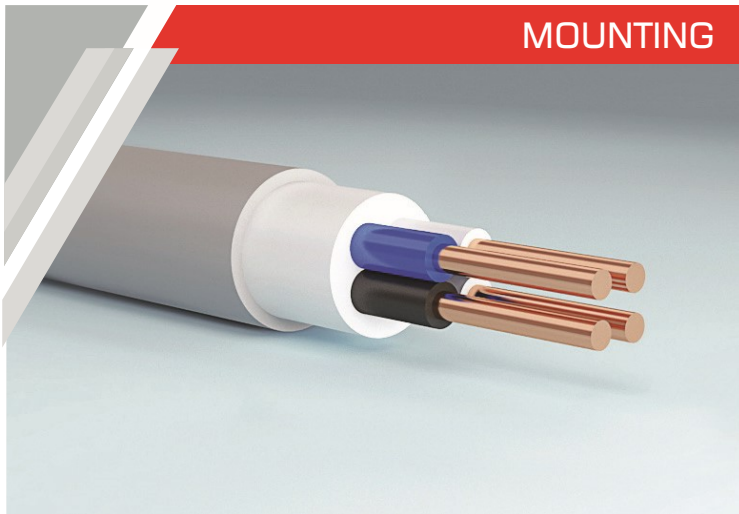


MOUNTING



NYM

STANDARD

DIN VDE 0250-204

FOREIGN ANALOGUE

BBГ з стандарт 16642-80

Cable with Copper core, polyvinylchloride insulation, and polyvinylchloride sheath

APPLICATION

The industrial and power from a stationary installation inside the building and on the air. Out of buildings can be used if there is no sunlight influence on cables. Can be used on the wall or under, dry, damp and wet buildings. It can be laying into channels without influence of stretching forces. Cable has a filler, it is fire residence and flexible

2kV
50Hz300/500V
50Hz

-40°C



+70°C

Bending radius not
less than 4xD of
cable

- Installation temperature: -5°C.
- The conductor is resistant to 98% relative air humidity under +35°C conditions
- Conductive lobe for long-term allowable heating temperature +70°C.

CONSTRUCTION

The copper cores with section 1,5-6mm² inclusive are produced with single wire of 1 class flexibility, 10-35mm² inclusive with twisted multi-core wires (7 wires) of 2 class flexibility, according to standard Gost IEC 60228 - 2004 Number of cores in the cable 1:5

THE CONSTRUCTION LENGTH OF THE CABLES

not less than 100m

The construction length of the cable may be agreed with the customer

PACKING

On wooden drum or bundles (coils).

LABELING

Label attached to wooden drum or bundle, or in case of request of the customer with inscription on top: "JSC Sakcable" cable brand, manufacture year. Labeling of conductive cores with colors or figures 0,1,2,3,4 with inscription on the top of insulated cores

SERVICE LIFETIME

not less than 30 years

WARRANTY PERIOD

5 years after entering into exploitation, In the proper installation and working conditions

NYM

| Part Name | Conductor resistance [Ω/km] | Ampacity (in air) [A] | Thickness of insulation [mm] | Thickness of sheath [mm] | Outer diameter [mm] | Bending radius [mm] | Copper Weight [kg/km] | Weight [kg/km] |
|-----------|-----------------------------|-----------------------|------------------------------|--------------------------|---------------------|---------------------|-----------------------|----------------|
| 2X1.5 re | 12,1 | 19 | 0,6 | 1,4 | 8,8 | 35 | 26,80 | 123,89 |
| 2X2.5 re | 7,41 | 27 | 0,7 | 1,4 | 9,6 | 38 | 44,60 | 168,6 |
| 3X1.5 re | 12,1 | 19 | 0,6 | 1,4 | 9,2 | 37 | 41,4 | 141,57 |
| 3X2.5 re | 7,41 | 25 | 0,7 | 1,4 | 10,1 | 40 | 68,9 | 196,27 |
| 3X4 re | 4,64 | 35 | 0,8 | 1,4 | 11,0 | 44 | 110 | 291,18 |
| 3x6 re | 3,08 | 42 | 0,8 | 1,6 | 13,2 | 53 | 164,85 | 403,2 |
| 3x10 rm | 1,83 | 55 | 1,0 | 1,6 | 17,2 | 69 | 274,7 | 670,24 |
| 4X1.5 re | 12,1 | 17 | 0,6 | 1,4 | 9,9 | 40 | 55,2 | 183,47 |
| 4X2.5 re | 7,41 | 23 | 0,7 | 1,4 | 10,8 | 43 | 91,87 | 253,36 |
| 4X4 re | 4,64 | 32 | 0,8 | 1,4 | 11,9 | 48 | 146,67 | 360,33 |
| 4x6 re | 3,08 | 39 | 0,8 | 1,6 | 14,2 | 57 | 219,8 | 500,91 |
| 4x10 rm | 1,83 | 51 | 1,0 | 1,6 | 18,5 | 74 | 366,26 | 843,25 |
| 5X1.5 re | 12,1 | 17 | 0,6 | 1,4 | 10,5 | 42 | 69,01 | 224,21 |
| 5X2.5 re | 7,41 | 23 | 0,7 | 1,4 | 11,6 | 46 | 114,85 | 309,72 |
| 5X4 re | 4,64 | 32 | 0,8 | 1,4 | 12,4 | 50 | 183,34 | 439,09 |
| 5x6 re | 3,08 | 39 | 0,8 | 1,6 | 15,2 | 61 | 274,75 | 596,88 |
| 5x10 rm | 1,83 | 51 | 1,0 | 1,6 | 20,2 | 81 | 457,84 | 1019,24 |

i re - Single-core
rm - Multi-core



Uninsulated

Self-supporting

Mounting

Power

Control