



КВВГнгд 7х1 ТУ У 31.3-00214534-018-2003

Control flame-retardant cables with copper conductors, low fire-risk PVC compound insulation, PVC compound sheath, low smoke and gas emission

Cables are used for laying:

- in premises, dry ducts and tunnels, in corrosive environment
- with no risk of mechanical damage in operation
- in bunches, in crowded places

Fire safety code in accordance with ДСТУ 4809:2007: ПБ123121000

Products of this mark meet the requirements:

- single wire cable flame retardance
- bunched cable flame retardance category A
- toxicity class Tk3 of the combustion products of nonmetallic elements (toxicity index over 120 g/m³)
- class ДТк1 on smoke-forming ability by smouldering of non-metallic elements (coefficient of smoke formation from 50 to 500 m²/kg)
- class ДПк2 on smoke-forming ability by combustion (minimum luminous flux more than 60 %)
- corrosive class Кк1 of combustion products of non-metallic elements (the number of halogen hydrides less than 150 mg/g, pH less than 4.3, specific conductivity more than 10 μS/mm)

TECHNICAL SPECIFICATIONS

| | | |
|--|-----------------|------------------|
| Rated voltage (AC / DC) | V | 660 / 1000 |
| Number and rated area of conductors | mm ² | 7 x 1 |
| Minimum bending radius by laying | mm | 66 |
| Cable outer diameter (for reference only) ** | mm | 11 |
| Cable weight (approximate) | kg/km | 170 |
| Rated factory cable length and gross weight of the delivery on the drums *** | m, t | # 10: 1970 • 0.4 |

Notes:

When ordering it is necessary to agree the factory length of the product with the manufacturer

** The external diameter may differ from the rated up to ± 10 %



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CONSTRUCTION

1. Copper conductor
2. Low fire-risk PVC compound insulation
3. PET film winding
4. Low fire-risk PVC compound outer sheath

Note: Conductor twisting is not illustrated

