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|  | <h1 style="text-align: center;">H07V-U</h1> <p style="text-align: center;">AENOR reg N° 042/000946 / <HAR> reg N° HAR/000623 Construction Products Regulation (EU) No 305/2011</p> |  | <p style="text-align: center;">ETP-07</p> <p style="text-align: right;">Ed. 11/2016 Rev. 3</p> |
| Single core non-sheathed cables with PVC insulation | | | |

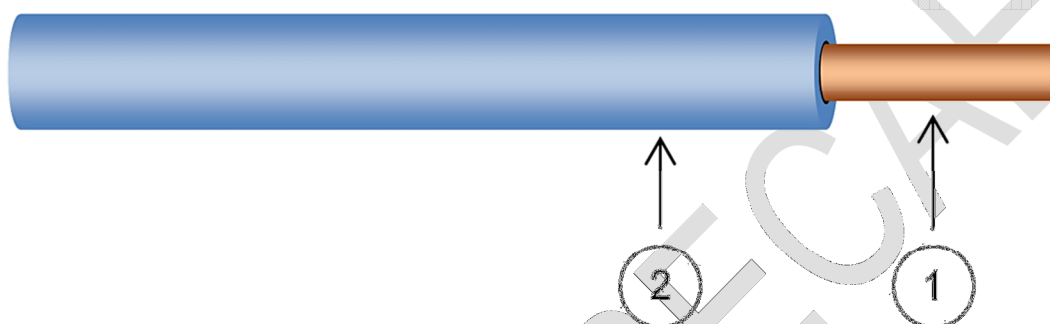
DESCRIPTION

Single core non-sheathed electric cables with PVC insulation. These cables are suitable for energy transport and for electric connexion for fixed installations.

Construction is according to EN 50525-3-31.

TECHNICAL CHARACTERISTICS

| | | |
|-----------------|--|--------------|
| 1 - Conductor: | Solid bare or tinned copper, class I | a/EN 60228 |
| 2 - Insulation: | PVC compound type T11 | a/EN 50363-3 |
| | · Colours: black, blue, brown, grey, orange, pink, red, turquoise, violet, white and yellow/green. | |



TECHNICAL SPECIFICATIONS

| | | |
|------------------------------------|--|----------------|
| Rated voltage: | 450 / 750 V | |
| | · These cables can be used at 0.6/1 kV when they are installed in a fixed installation mechanically protected, inside a distribution and control device. | |
| Test voltage: | 2.500 V | |
| Operating temperature: | -15 to +70 °C | |
| Maximum short-circuit temperature: | 160 °C (max. 5 s) | |
| Bending radius: | 5 Ø | |
| CPR classification (class) | Eca | a/EN 50575 |
| No flame propagation: | Complies | a/EN 60332-1-2 |

DATA AND DIMENSIONS

Dimensions and weights are approximates, subject to small variations due to process. Other sizes are possible on request.

| CROSS SECTION mm ² | RESISTANCE (Ω/km at 20°C) | | CURRENT (1) (Max. at 40°C) A | INSULATION THICKNESS mm | OUTER Ø mm | WEIGHT Kg/km |
|----------------------------------|------------------------------|--------|------------------------------------|-------------------------------|---------------|-----------------|
| | bare | tinned | | | | |
| 1x1,5 | 12.1 | 12.2 | 15 | 0,7 | 2.8 | 20.00 |
| 1x2,5 | 7.41 | 7.56 | 21 | 0,8 | 3.4 | 30.70 |
| 1x4 | 4.61 | 4.70 | 27 | 0,8 | 3.9 | 45.70 |

Note 2: Maximum current capacity for three phase circuit and installation method C (see IEC 60364-5-523)