

# H07V-U

**H07V-U** (Single Core Copper Electrical Wire)



### Application:

Insulated conductor (**H07V-U**) is used for laying in electric-installation tubes, under and on plaster installation in dry rooms and in closed installation conduits. Direct laying in cable guides is not permitted. Also applied for internal wiring of distribution and switching boxes equipment, same as for protective laying for lighting of nominal voltage up to 1000 V alternating current, or up to 750 V direct current against earth.

**Certification:** CE

### Construction:

| H07V-U (NYA)    |   |
|-----------------|---|
| Voltage:        | 450/750V  |
| Code:           | H07V-U  |
| Standards:      | HD 21.3 S3, VDE 0281-3, BS 6004   |
| Construction:   | 1- Solid Copper Conductor<br>2- PVC insulation  |
| Application:    | Preferably for installation indoors, in cable ducts and in industrial plants or switching stations, under ground installation |
| Technical Data: | Max. operating temperature 70 °C<br>Short circuit temperature 160 °C  |

### Technical characteristics:

| Nominal cross-sectional area | Approx. Dia. of cable | Weight  | DC resistance at 20° C | Max. Current Carrying capacity at 30° C |       |
|------------------------------|-----------------------|---------|------------------------|---|-------|
|                              |                       |         |                        | Pipe A                                  | Air A |
| (mm <sup>2</sup> )           | (mm)                  | (Kg/km) | (Ω/km)                 |   |       |
| 1.5                          | 2.75                  | 19.17   | 12.1                   | 16                                      | 24    |

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|     |      |       |      |    |    |
|-----|------|-------|------|----|----|
| 2.5 | 3.33 | 29.99 | 7.41 | 20 | 32 |
| 4   | 3.79 | 44.23 | 4.61 | 26 | 42 |
| 6   | 4.28 | 62.66 | 3.08 | 35 | 55 |
| 10  | 5.50 | 105.7 | 1.83 | 46 | 75 |

**Packing:**

c.100 = coil 100 m, c.200 = coil 200 m CUT= cable in different lengths on drum or reel, possible cutting at required length.( H07V-U )

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