

PN 750V

connecting wire



GENERAL INFO

Cable for open or hidden pipe installation and as a connecting cable. Yellow / red color is allowed for signal reference earth, tele and data (SRJ).

Cenelec: H07V-R

CABLE CONSTRUCTION

| | |
|--------------------------------------|-------------------------------------|
| Conductor material | Copper |
| Core insulation material | Polyvinyl chloride (PVC) |
| Drain wire | No |
| Longitudinal water blocking cable | No |
| Radial water blocking cable | No |
| Core identification (acc. HD 308 S2) | Yes |
| Twisted cores | No |
| Screen | No |
| Lead sheath | No |
| Material outer sheath | Polyvinyl chloride (PVC) |
| Cable shape | Round |
| Flame retardant | In accordance with EN/IEC 60332-1-2 |

MARKING TEXT ON OUTER SHEATH (EXAMPLE)

STANDARDS APPLIED



EN 50525-2-31 IEC 60227-3
IEC 60228 class 2
IEC 60332-1
EN 50575:2014+A1:2016

Construction
Conductors
Flame retardant properties
Reaction to fire

APPLICATION PROPERTIES

| | |
|------------------------------------------|-------------------------------------|
| Nominal voltage U ₀ [V] | 450 |
| Nominal voltage U [V] | 750 |
| Flame retardant | In accordance with EN/IEC 60332-1-2 |
| Reaction-to-fire class (acc. EN 13501-6) | Eca |
| Max. conductor temperature [°C] | 70 |
| Bending radius (rule) | 3xD |

PRODUCT RANGE / ORDER DATA

| Basic construction | Colour outer sheath | DOP number | Packaging type | Standard packaging quantity | EAN-code (GTIN) | SAP | EL no. |
|--------------------|---------------------|------------|----------------|-----------------------------|-----------------|----------|---------|
| 1,5mm ² | Blue | 1002608 | Bobbin | 150 | 7021521718697 | 20075370 | 1060702 |
| 1,5mm ² | Brown | 1002608 | Bobbin | 150 | 7021521719687 | 20075369 | 1060704 |
| 1,5mm ² | Grey | 1002608 | Bobbin | 150 | 7021521717867 | 20075373 | 1060701 |
| 1,5mm ² | Grey | 1002608 | Bobbin | 150 | 7021521717294 | 20075844 | 1060700 |
| 1,5mm ² | Green/yellow | 1002608 | Bobbin | 150 | 7021521719434 | 20075842 | 1060703 |
| 2,5mm ² | Blue | 1002608 | Bobbin | 100 | 7021521720812 | 20075846 | 1060709 |
| 2,5mm ² | Brown | 1002608 | Bobbin | 100 | 7021521721901 | 20075841 | 1060711 |
| 2,5mm ² | Grey | 1002608 | Bobbin | 100 | 7021521720508 | 20075378 | 1060708 |
| 2,5mm ² | Black | 1002608 | Bobbin | 100 | 7021521720089 | 20075847 | 1060707 |
| 2,5mm ² | Green/yellow | 1002608 | Bobbin | 100 | 7021521721642 | 20075376 | 1060710 |
| 16mm ² | Green/yellow | 1003501 | Drum | 1,000 | 6430065754046 | 20095559 | 1060748 |
| 25mm ² | Green/yellow | 1003501 | Drum | 500 | 6430010755166 | 20095564 | 1060757 |
| 35mm ² | Green/yellow | 1003501 | Drum | 500 | 7021521735014 | 20075410 | 1060765 |
| 50mm ² | Green/yellow | 1003501 | Coil | 50 | 7021521736820 | 20075797 | 1060771 |
| 50mm ² | Green/yellow | 1003501 | Drum | 500 | 6430010755180 | 20095567 | 1060774 |
| 70mm ² | Green/yellow | 1003501 | Drum | 500 | 6430010755203 | 20095568 | 1060788 |
| 95mm ² | Black | 1003501 | Drum | 500 | 7021521740049 | 20075413 | 1060792 |
| 95mm ² | Green/yellow | 1003501 | Drum | 500 | 7021521740100 | 20075799 | 1050466 |
| 120mm ² | Green/yellow | 1003501 | Drum | 300 | 7021521742500 | 20075800 | 1050476 |

ER = Copper solid round
FR = Copper stranded round
FV = Copper stranded sectorshaped
AFR = Aluminium stranded round
AFV = Aluminium stranded sectorshaped

DIMENSIONAL DATA

| Item name | Packaging type | Standard packaging quantity | Gross weight | DOP number | EL no. |
|-----------------------------|----------------|-----------------------------|--------------|------------|---------|
| PN 750V 1,5MM2 BLÅ S150 | Bobbin | 150 | 3.2 | 1002608 | 1060702 |
| PN 750V 1,5MM2 BRUN S150 | Bobbin | 150 | 3.2 | 1002608 | 1060704 |
| PN 750V 1,5MM2 LYS GRÅ S150 | Bobbin | 150 | 3.2 | 1002608 | 1060701 |
| PN 750V 1,5MM2 SORT S150 | Bobbin | 150 | 3.2 | 1002608 | 1060700 |
| PN 750V 1,5MM2 G/GR S150 | Bobbin | 150 | 3.2 | 1002608 | 1060703 |
| PN 750V 2,5MM2 BLÅ S100 | Bobbin | 100 | 3.4 | 1002608 | 1060709 |
| PN 750V 2,5MM2 BRUN S100 | Bobbin | 100 | 3.4 | 1002608 | 1060711 |
| PN 750V 2,5MM2 LYS GRÅ S100 | Bobbin | 100 | 3.4 | 1002608 | 1060708 |
| PN 750V 2,5MM2 SORT S100 | Bobbin | 100 | 3.4 | 1002608 | 1060707 |
| PN 750V 2,5MM2 G/GR S100 | Bobbin | 100 | 3.4 | 1002608 | 1060710 |
| PN 750V 16MM2 G/GR K6/1000 | Drum | 1,000 | 179 | 1003501 | 1060748 |
| PN 750V 25MM2 G/GR K6/500 | Drum | 500 | 148 | 1003501 | 1060757 |
| PN 750V 35MM2 G/GR K6/500 | Drum | 500 | 194.5 | 1003501 | 1060765 |
| PN 750V 50MM2 G/GR B50 | Coil | 50 | 24.5 | 1003501 | 1060771 |
| PN 750V 50MM2 G/GR K7/500 | Drum | 500 | 265 | 1003501 | 1060774 |
| PN 750V 70MM2 G/GR K7/500 | Drum | 500 | 359 | 1003501 | 1060788 |
| PN 750V 95MM2 SORT K8/500 | Drum | 500 | 488 | 1003501 | 1060792 |
| PN 750V 95MM2 G/GR K8/500 | Drum | 500 | 488 | 1003501 | 1050466 |
| PN 750V 120MM2 G/GR K9/300 | Drum | 300 | 385 | 1003501 | 1050476 |

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