

TECHNICAL SPECIFICATION

VVT Cable

Italian Conductors, Wires & Cables

CABLE DESCRIPTION

Conductor: Solid tinned copper

Insulation: PVC EN 50363-3 Type T12

Colour code: see table below

Pair: conductors twisted in pairs

Assembly: pairs twisted with earth conductor clear (0.57mm tinned copper) (earth conductor \varnothing 0.40 enamelled for 1x4x0.60mm)

Sheath: PVC EN 50363-4-1 Type TM2 Grey Ral 7031

Marking: EUROCAVI VVT nxsize CPR EN 50575 Cca-s2,d0,a3 ITC003E CE n.week/year "metric numbering"

Temperature range: -5°C up to+70°C

Working voltage: 150 V

Test voltage: 1000 V

Standards:

CPR 305/2011 EN 50575:2014 +A1:2016 Class Cca-s2,d0,a3

DIMENSIONAL CHARACTERISTICS

| Number of pairs | Nominal Diameter of wire (mm) | Insulation thickness (mm) | Diameter of conductors (mm) | Outer diameter (mm) | Cu weight (kg/km) | Approx Cable weight (kg/km) |
|-----------------|-------------------------------|---------------------------|-----------------------------|---------------------|-------------------|-----------------------------|
| 1x3 | 0.60 | 0.24 | 1.05±0.05 | 3.50±0.20 | 7.50 | 25.00 |
| 1x4 | | | | 4.30±0.20 | 11.30 | 30.00 |
| 3 | | | | 5.00±0.20 | 17.50 | 45.00 |
| 4 | | | | 5.80±0.30 | 22.50 | 55.00 |
| 6 | | | | 6.60±0.30 | 32.50 | 80.00 |
| 8 | | | | 7.20±0.30 | 42.50 | 105.00 |
| 10 | | | | 7.70±0.30 | 52.50 | 115.00 |
| 14 | | | | 9.00±0.30 | 72.50 | 155.00 |
| 20 | | | | 10.80±0.30 | 102.50 | 210.00 |

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Colour Table

| Pair N°. | Colour A | Colour B |
|----------|--------------------------------|----------|
| 1 | White | Blue |
| 2 | White | Orange |
| 3 | White | Green |
| 4 | White | Brown |
| 5 | White | Grey |
| 6 | Red | Blue |
| 7 | Red | Orange |
| 8 | Red | Green |
| 9 | Red | Brown |
| 10 | Red | Grey |
| 11 | Black | Blue |
| 12 | Black | Orange |
| 13 | Black | Green |
| 14 | Black | Brown |
| 15 | Black | Grey |
| 16 | Yellow | Blue |
| 17 | Yellow | Orange |
| 18 | Yellow | Green |
| 19 | Yellow | Brown |
| 20 | Yellow | Grey |
| | | |
| 1x3x0.60 | White, Blue, Red | |
| 1x4x0.60 | White, Blue, Turquoise, Violet | |
| | | |

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| TECHNICAL DEPT. | Napoli Giuseppe |