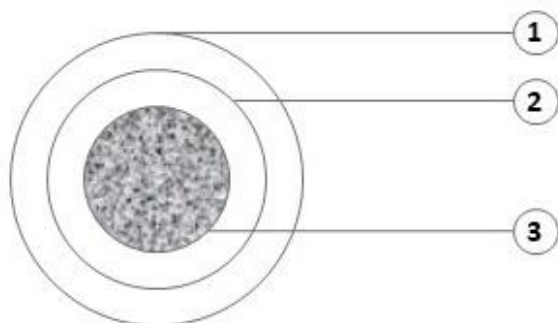


Single Conductor Cables Double-Insulated in 90 °C PVC Product Range: *PVC-D*



SCHEMATIC DRAWINGS

Single core construction



CABLE CONSTRUCTION

1. Transparent TI3 type PVC insulation
2. TI2 type PVC insulation
3. Electrolytic tinned flexible copper conductor

Characteristics

Rated Voltage:	300 V _{ac} (only for no-stripped covering)
Test Voltage:	2000 V _{ac}
Temperature Range:	-20 ÷ 90 °C (fixed)
Bending Radius	≥ 10 x D (fixed)

Flexform Product Code	Size Conductor [mm ²]	Conductor Stranding [N° x mm]	Diameter on Insulation [mm]		Radial Thickness of Insulation [mm]	
			On 1 st insulation	On 2 nd insulation	On 1 st insulation	On 2 nd insulation
PVC-002D	1 x 0.50	19 x 0.180	1.4 ± 0.1	1.9 ± 0.1	≥ 0.25	≥ 0.25
PVC-003D	1 x 0.75	19 x 0.224	1.7 ± 0.1	2.2 ± 0.1	≥ 0.30	≥ 0.25

* **Colour options:** blue, brown, green/yellow

Standard Reference	Low Voltage European Directive No. 2014/35/UE.
Stranding of Conductor	Class 5 electrolytic tinned flexible copper conductor, conforming to IEC 60228 requirements.
Inner Insulation	TI2 type PVC conforming to EN 50363-3 requirements, hardness: (92 ± 2) Sh-A.
Outer Insulation	Transparent TI3 type PVC conforming to EN 50363-3 requirements, hardness: (87 ± 2) Sh-A. The outer covering will not be seperable from inner insulation.
Marking	Without any marking

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In order to improve our products, the information contained in this technical datasheet can be changed without notice. Please check periodically with our office, the date and issue number.