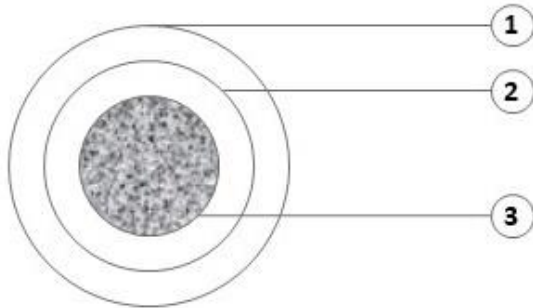


Single Conductor Cables Double-Insulated in 180 °C FEP and 105 °C PVC Product Range: *FEPPVC*



SCHEMATIC DRAWINGS

Single core construction



CABLE CONSTRUCTION

1. 105 °C PVC insulation
2. 180 °C FEP insulation
3. Electrolytic tinned copper conductor

Characteristics

Voltage Rating (U₀/U):	300/500 V _{ac}
Test Voltage:	2500 V _{ac}
Temperature Range:	-55 ÷ 180 °C (only on inner insulation) -20 ÷ 105 °C (@ fixed installation)
Bending Radius	≥ 14 x D (@ fixed installation)

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
FEPPVC-003	1 x 0.75	19 x 0.224	1.55 ± 0.05	2.5 ± 0.1	≥ 0.20	≥ 0.50

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

Standard Reference	Low Voltage European Directive No. 2014/35/UE.
Stranding of Conductor	Electrolytic tinned flexible concentric rope copper conductor
Inner Insulation	R5F type FEP conforming to EN 50363-0 requirements
Outer Insulation	105 °C rated PVC, hardness: [87 ± 2] Sh-A
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.