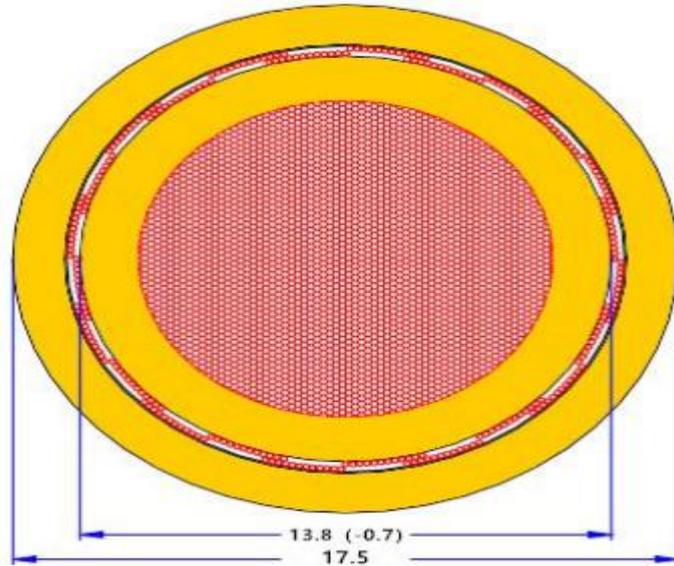


Technical Information

50mm²
Pvc cable in orange
with tinned copper shield layer
HIGH VOLTAGE



Specification

Core 50 mm²

Conductor material:	E-Cu ETP1 according DIN EN 13602
Conductor design:	Stranded bare copper 1600 (±5%) x max. 0.21 mm
Conductor diameter:	Max. 10.0 mm
Core insulation:	Pvc
Core diameter:	13.8mm (- 0.7)
Insulation wall thickness:	Min 1.6mm
Colour code:	White same as previous orders or orange like previous orders

Shielding

Screening braid:	Tinned copper max. 0.21 mm optical covering 100%, min 85%
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Outer sheath

Sheath material:	Pvc
Outer diameter:	17.5mm
Insulation wall thickness:	min. 1.7mm
Colour code:	orange like previous orders

Marking

Outer sheath is printed:
"LOGO"+ 50mm² HIGH VOLTAGE CABLE DOUBLE-INSULATED SHIELDED 700VDC WWW.ZERO-EV.CO.UK +"LOGO"

Print can also change accoridng to your need

Distance of marking: max. 200 mm

**Electrical
properties**

Conductor resistance : max. 0.368 mΩ/m 50 mm²
(DC, 20°C) max. 3.8 mΩ/m Shielding

Test voltage: 2.5 kVolt /5 minutes

Nominal voltage: Max 1000 Volt DC

**Mechanical
properties**

Bend radius:
- min. 6 x cable-∅ :

Weight of cable: approx 0.67g/m

**Thermal
properties**

Operating temperature: -20 °C to +70 °C
