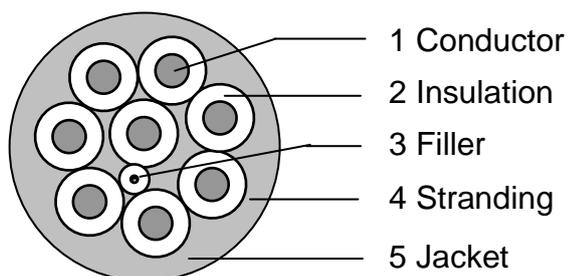


**APPLICATION**

Flexible PVC insulated and sheathed power cable, generally in accordance with VDE0250

**CONSTRUCTION****1. Conductor**

Material  
Dimensions

Stranded bare copper  
50x0.25 mm (2.50 mm<sup>2</sup>)

**2. Insulation**

Material  
Diameter

PVC  
3.40 ± 0.05 mm

**3. Filler**

Material  
Diameter

PVC  
1.50 mm

**4. Stranding**

Lay up  
Colours

Core: 1 core + Filler  
1<sup>st</sup>: 7 cores stranded around the core  
black numbered and yellow/green

**5. Jacket**

Material  
Diameter

PVC  
13.50 ± 0.30 mm

**REQUIREMENTS AND TEST METHODS****Electrical:**

Voltage rating conductor to earth	300 V RMS
Voltage rating conductor to conductor	500 V RMS
Maximum resistance conductor @ 20°C	7.98 Ω/km
Maximum continuous current per conductor @ 25°C	0.7 x 25 A

**Mechanical and physical:**

Temperature range processing	-5 to +70 °C
Temperature range operating (moving installation)	-5 to +70 °C
Temperature range operating (fixed installation)	-30 to +70 °C
Temperature range storage	-30 to +70 °C
Nominal weight per 100m	35.8 kg
Maximum pulling tension	1400 N
Minimum bending radius	10xD



Belden declares this product to be in compliance with the environmental regulations EU RoHS (Directive 2002/95/EC, 27 January 2003); this is valid for all material produced after the RoHS compliant date for this product.