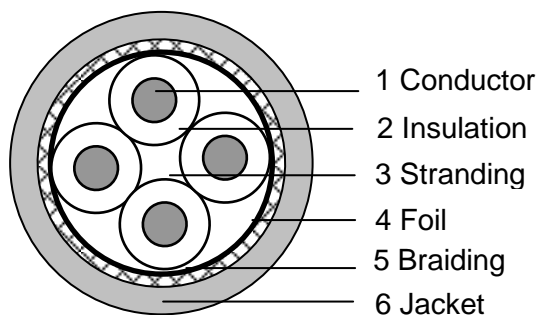


## APPLICATION

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. Stranding

Lay up  
Colours

4 cores stranded  
Yellow/green, brown, black and grey

### 4. Foil

Material  
Thickness

Polyester foil  
23 µm

### 5. Braiding

Material  
Diameter  
Coverage

0.12 mm tinned Cu  
8.99  
64 %

### 6. Jacket

Material  
Diameter  
Nominal wall

PVC  
10.7 ± 0.30 mm  
0.855 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	0.8 x 25A

**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	18.9 kg
Maximum pulling tension	700 N
Minimum bending radius	10 x D



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.