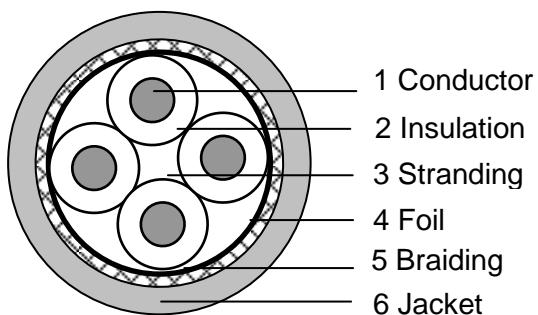


APPLICATION

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 mm²)

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.