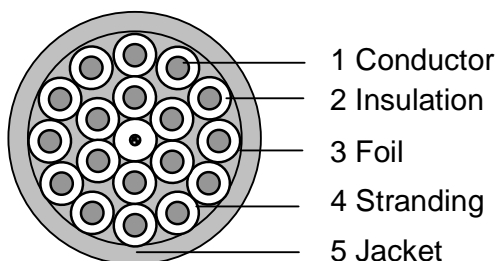


APPLICATION

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

CONSTRUCTION**1. Conductor**

Material
Dimensions

Stranded bare copper
24x0.20 mm (0.75 mm²)

2. Insulation

Material
Diameter

PVC
2.34 ± 0.05 mm

3. Foil

Material
Thickness

Polyester foil
23 µm

4. Stranding

Lay up

Centre: 2.50 mm PVC filler
Layer 1: 6 cores stranded around filler.
Layer 2: 12 cores stranded around layer 1
black numbered and yellow/green

Colours

5. Jacket

Material
Diameter

PVC
13.60 ± 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	26.0 Ω/km
Maximum continuous current per conductor @ 25°C	0.5 x 6 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	32.3 kg
Maximum pulling tension	630 N
Minimum bending radius	10xD



Belden CDT believes 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.