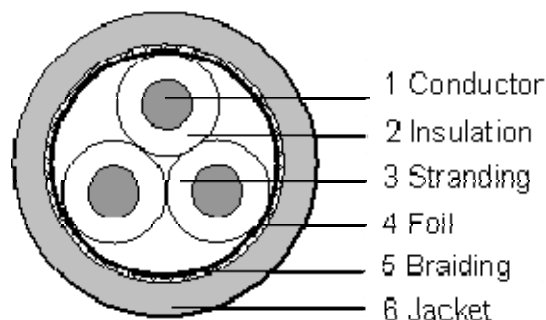


## APPLICATION

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

## CONSTRUCTION



<b>1. Conductor</b>	
Material	Stranded bare copper
Dimensions	30x0.25 mm (1.50 mm <sup>2</sup> )
<b>2. Insulation</b>	
Material	PVC
Diameter	2.80 ± 0.05 mm
<b>3. Stranding</b>	
Lay up	3 cores stranded
Colours	Blue, brown and yellow/green
<b>4. Foil</b>	
Material	Polyester foil
Thickness	23 µm
<b>5. Braiding</b>	
Material	0.12 mm tinned Cu
Diameter	6.66
Coverage	64 %
<b>6. Jacket</b>	
Material	PVC
Diameter	8.06 ± 0.30 mm
Nominal wall	0.70 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	13.3 Ω/km
Maximum continuous current per conductor @ 25°C	1 x 16 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	9.8 kg
Maximum pulling tension	245 N
Minimum bending radius	10 x D