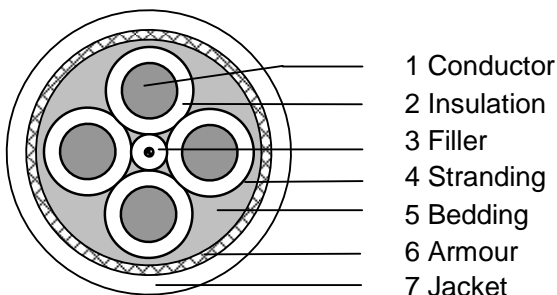


## APPLICATION

Triple protected highly flexible PVC insulated and sheathed power cable for exceptional mechanical and electrical protection, generally in accordance with VDE0250

## CONSTRUCTION



<b>1. Conductor</b>	
Material	Stranded bare copper
Dimensions	84x0.30 mm (6.00 mm <sup>2</sup> )
<b>2. Insulation</b>	
Material	PVC
Diameter	4.90 ± 0.05 mm
<b>3. Filler</b>	
Material	PVC
Diameter	2.00 mm
<b>4. Stranding</b>	
Lay up	4 cores stranded
Colours	Yellow/green, brown, black and grey
<b>5. Bedding</b>	
Material	PVC
Diameter	12.70 ± 0.20 mm
Nominal wall	0.45 mm
<b>6. Armour</b>	
Material	Galvanized steel wire
Diameter	13.78 mm
Coverage	64 %
<b>7. Jacket</b>	
Material	PVC
Diameter	16.00 ± 0.30 mm
Nominal wall	1.10 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	3.30 Ω/km
Maximum continuous current per conductor @ 25°C	0.8 x 40 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	47.7 kg
Maximum pulling tension	1680 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.