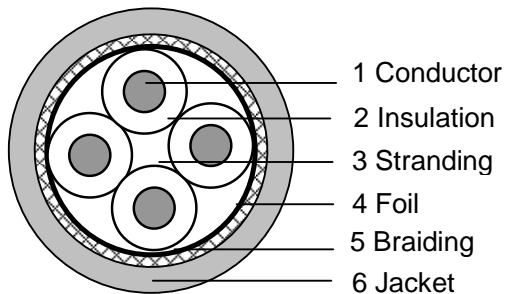


**APPLICATION**

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

**CONSTRUCTION**



<b>1. Conductor</b>	Material Dimensions	Stranded bare copper 30x0.25 mm (1.50 mm <sup>2</sup> )
<b>2. Insulation</b>	Material Diameter	PVC 2.80 ± 0.05 mm
<b>3. Stranding</b>	Lay up Colours	4 cores stranded Yellow/green, brown, black and grey
<b>4. Foil</b>	Material Thickness	Polyester foil 23 µm
<b>5. Braiding</b>	Material Diameter Coverage	0.12 mm tinned Cu 7.36 64 %
<b>6. Jacket</b>	Material Diameter Nominal wall	PVC 9.15 ± 0.30 mm 0.90 mm

**CONTROLFLEX CY LEADFREE**  
**4\*1.50 mm2 blk.****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	0.8 x 16A

**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	13.0 kg
Maximum pulling tension	420 N
Minimum bending radius	10 x D



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.