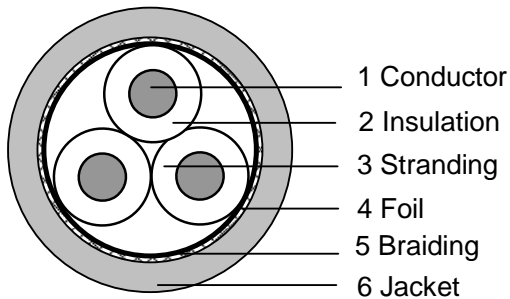


**APPLICATION**

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

**CONSTRUCTION**



<b>1. Conductor</b>	
Material	Stranded bare copper
Dimensions	24x0.20 mm (0.75 mm <sup>2</sup> )
<b>2. Insulation</b>	
Material	PVC
Diameter	2.34 ± 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	5.66
Coverage	64 %
<b>6. Jacket</b>	
Material	PVC
Diameter	7.06 ± 0.30 mm
Nominal wall	0.70 mm

**CONTROLFLEX CY LEADFREE**  
**3\*0.75 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	26.0 Ω/km
Maximum continuous current per conductor @ 25°C	1 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	6.9 kg
Maximum pulling tension	150 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.