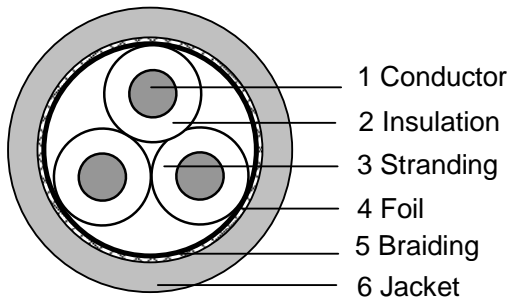


**APPLICATION**

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.