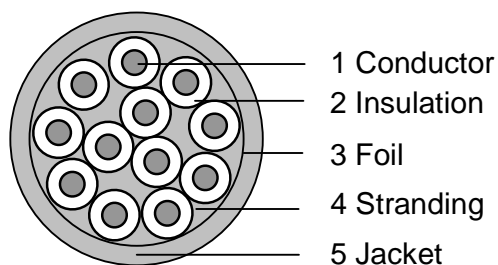


**CONTROLFLEX YY LEADFREE**  
12\*0.75 mm<sup>2</sup> blk.**APPLICATION**

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. Foil</b>	
Material	Polyester foil
Thickness	23 µm
<b>4. Stranding</b>	
Lay up	3 + 6 cores stranded
Colours	black numbered and yellow/green
<b>5. Jacket</b>	
Material	PVC
Diameter	11.60 ± 0.30 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	26.0 Ω/km
Maximum continuous current per conductor @ 25°C	0.7 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	22.4 kg
Maximum pulling tension	630 N
Minimum bending radius	10xD



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.