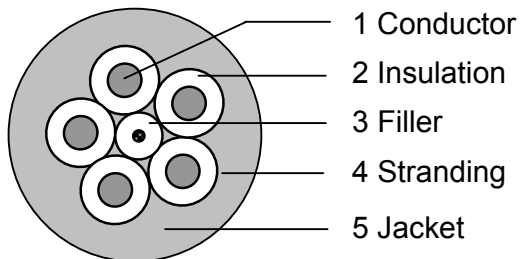


**APPLICATION**

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

**CONSTRUCTION**

<b>1. Conductor</b>	
Material	Stranded bare copper
Dimensions	30x0.25 mm (1.50 mm <sup>2</sup> )
<b>2. Insulation</b>	
Material	PVC
Diameter	2.80 ± 0.05 mm
<b>3. Filler</b>	
Material	PVC
Diameter	2.00 mm
<b>4. Stranding</b>	
Lay up	5 cores stranded
Colours	black numbered and yellow/green
<b>5. Jacket</b>	
Material	PVC
Diameter	9.20 ± 0.20 mm



## TECHNICAL DATA SHEET

CONTROLFLEX YY LEADFREE  
5\*1.50 mm2 blk.

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### 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 16 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	15.31 kg
Maximum pulling tension	525 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.