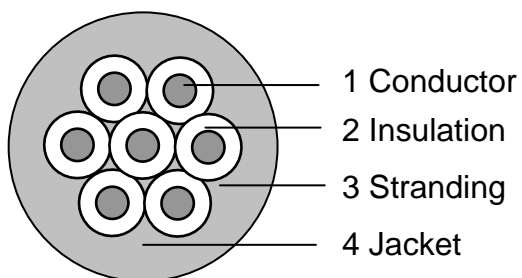


APPLICATION

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

CONSTRUCTION



1. Conductor

Material
Dimensions

Stranded bare copper
30x0.25 mm (1.50 mm²)

2. Insulation

Material
Diameter

PVC
2.80 ± 0.05 mm

3. Stranding

Lay up
Colours

1 + 6 cores stranded
black numbered and yellow/green

4. Jacket

Material
Diameter

PVC
10.20 ± 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	13.3 Ω/km
Maximum continuous current per conductor @ 25°C	0.7 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	19.7 kg
Maximum pulling tension	735 N
Minimum bending radius	10xD



Belden declares 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.



TECHNICAL DATA SHEET

CONTROLFLEX YY LEADFREE
7*1.50 mm2 blk.

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