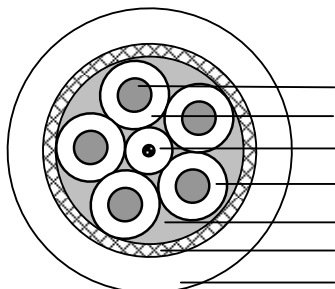


APPLICATION

Triple protected highly flexible PVC insulated and sheathed power cable for exceptional mechanical and electrical protection, generally in accordance with VDE0250

CONSTRUCTION



- 1 Conductor
- 2 Insulation
- 3 Filler
- 4 Stranding
- 5 Bedding
- 6 Armour
- 7 Jacket

1. Conductor	Material Dimensions	Stranded bare copper 32x0.20 mm (1.00 mm ²)
2. Insulation	Material Diameter	PVC 2.52 ± 0.05 mm
3. Filler	Material Diameter	PVC 2.00 mm
4. Stranding	Lay up Colours	5 cores stranded Yellow/Green, Blue, Brown, Black and Grey
5. Bedding	Material Diameter Nominal wall	PVC 7.94 ± 0.20 mm 0.45 mm
6. Armour	Material Diameter Coverage	Galvanized steel wire 9.02 mm 64 %
7. Jacket	Material Diameter Nominal wall	PVC 11.02 ± 0.30 mm 1.00 mm

CONTROLFLEX SY LEADFREE
5*1.00 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	19.5 Ω/km
Maximum continuous current per conductor @ 25°C	0.8 x 10 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	18.5 kg
Maximum pulling tension	350 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.