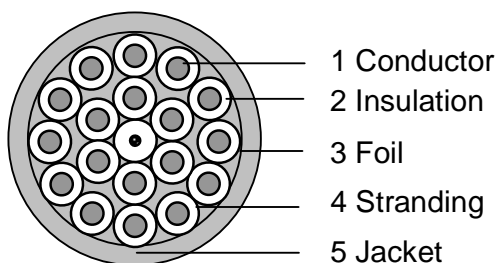


**APPLICATION**

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. Foil</b>	
Material	Polyester foil
Thickness	23 µm
<b>4. Stranding</b>	
Lay up	Centre: 3.00 mm PVC filler Layer 1: 6 cores stranded around filler. Layer 2: 12 cores stranded around black numbered and yellow/green
Colours	
<b>5. Jacket</b>	
Material	PVC
Diameter	16.50 ± 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	0.5 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	25.1 kg
Maximum pulling tension	1890 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.