



### Applications

Control cable to connect equipment in production/assembly lines. Can be used between both fixed and mobile equipment and air conditioning systems. CY Cables are not suitable for direct connection to the public mains supply. Suitable as data and control cables in machinery, computer systems etc as well as a signal cable for electronics.

### Conductors

Plain annealed flexible copper. Class 5 Flexible.

### Insulation

PVC

### Bedding

PVC extruded bedding

### Sheath

PVC (Polyvinyl Chloride)

### Sheath colour

Grey

### Screen

Melinex tape & TCWB (Tinned copper wire braid)

### Voltage Rating

300/500V

### Operating temperature

Flexing: -15°C / + 80°C

Fixed: -40°C / + 80°C

### Minimum Bending Radius

6 x overall diameter

### Core Identification

Single core: blue

2 core: brown & blue

3 core: brown, blue & green/yellow

4 core: brown, grey, black & green/yellow

### Standards

VDE0250: Insulated power cables. General specifications

### Construction Parameters

Size sq. mm	No of cores	Diameter over laid up cores mm	Nominal diameter over bedding mm	Nominal overall diameter mm	Weight kg/km
0.5	2	3.9	5.5	8	88
0.75	2	4.3	5.9	8.4	105
1	2	4.6	6.2	8.9	118
1.5	2	5.2	6.8	9.7	140

**VDE0250 CY Screened & Bedded Flexible Control Cable**

2.5	2	6.4	8.4	11.6	198
4	2	8.4	10.4	13.8	273
6	2	9.8	12	15.4	339
10	2	12.4	14.8	18.4	485
16	2	14.6	17.2	21	647
0.5	3	4.2	5.8	8.3	100
0.75	3	4.6	6.2	8.9	124
1	3	4.9	6.5	9.4	139
1.5	3	5.6	7.2	10.1	163
2.5	3	6.9	8.9	12.1	235
4	3	9	11.2	14.6	338
6	3	10.6	14.3	16.2	419
10	3	13.4	15.8	19.6	621
16	3	15.8	18.4	22.4	841
0.5	4	4.8	6.2	8.9	122
0.75	4	5.1	6.7	9.6	146
1	4	5.5	7.1	10	161
1.5	4	6.3	8.1	11.2	202
2.5	4	7.7	9.7	12.9	278
4	4	10.1	12.9	16.5	436
6	4	11.9	14.3	17.9	523
10	4	15	17.6	21.4	880
16	4	17.7	20.5	24.7	1400