



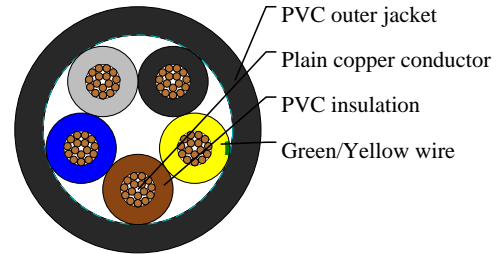
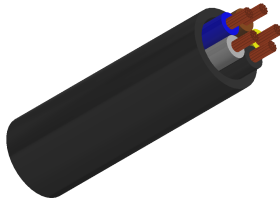
Caledonian

Industrial Cables (German Standard)

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YY Control Flexible Cable



APPLICATIONS

YY Control Flexible Cable is used as connecting cable, as measuring, checking and control cable in machine tool manufacturing, plant engineering and on assembly lines and production lines to meet stringent safety requirements. Suitable for fixed installation or flexible applications with unrestricted mobility without forced movement control and without exposure to tensile load installation in dry and moist rooms; outdoor installation not permitted.

STANDARDS

Generally to BS6500

VDE 0250

VOLTAGE RATING

300/500V

CABLE CONSTRUCTION

- Plain copper conductor
- Stranded to DIN VDE 0295 cl. 5, BS 6360 cl. 5
- PVC core insulation type Y12
- Green-yellow grounding (3 conductors and above)
- PVC outer jacket type YM2

COLOUR CODE

Insulation Colour Code

Colour coded to VDE 0293-308

5 cores (G) - Green-Yellow + Blue + Brown + Black + Grey

PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 3000 volts
- Minimum bending radius: 10 x Ø
- Flexing temperature: -5° C to +70° C
- Static temperature: -35° C to +70° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩ x km



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DIMENSION AND PARAMETERS

No. of Cores × Cross- sectional Area	AWG Size	Nominal Insulation Thickness	Nominal Sheath Thickness	Approx. Overall Diameter	Approx. Weight
No. × mm ²		mm	mm	mm	kg/km
5×0.5	20(16/32)	0.5	0.8	6.5	68