

YY PVC FLEXIBLE CONTROL CABLES

CONDUCTOR CONSTRUCTION

- Flexible plain annealed copper conductor
- PVC Insulated (Black)
- Cores laid up

SHEATH CONSTRUCTION

- Grey PVC

SPECIFICATION

- Voltage rating (conductor to earth) - 300 Volts (rms)
- Voltage rating between conductors - 500 Volts (rms)
- Test voltage - 3000 Volts (rms)
- Insulation resistance - 20Mohms/Km (min)
- Temperature range flexing - -5 to +80°C
 static - -20 to +80°C
- Minimum bend radius(flexing) - 15 x cable diameter
- Distance between number codes - 120mm to 150mm

csa	0.75mm ²	1mm ²	1.5mm ²	2.5mm ²
Conductor size	24/0.2	32/0.2	30/0.25	50/0.25
Current rating(A)	6	10	16	20
Overall dia. (max)				
3-core	6.3	6.6	7.2	8.9
4-core	6.9	7.2	8.3	9.7
5-core	-	-	9.1	11.1
7-core	-	-	9.8	12.5
8-core	-	-	11.5	13.4
12-core	11.5	-	13.5	16.0
18-core	13.0	-	16.0	21.0

CORE IDENTIFICATION

- Number coded black cores with white numbering. All cables with 3 or more conductors contain a green/yellow earth conductor

3 core : Green/Yellow + 2 numbered
4 core : Green/Yellow + 3 numbered
5 core : Green/Yellow + 4 numbered
7 core : Green/Yellow + 6 numbered
8 core : Green/Yellow + 7 numbered
12 core : Green/Yellow + 11 numbered
18 core : Green/Yellow + 17 numbered