

## 6241Y

PVC Flat Wiring Cable with Bare CPC. BS 6004. 300/500 V



Draka 6241Y is a flat PVC insulated and sheathed low voltage wiring cable typically used for small power and lighting applications. Single core with bare CPC

### KEY APPLICATIONS

Suitable for fixed installation in industrial, commercial and domestic premises, installation in walls, on boards, in conduit, trunking or embedded in plaster for small power and lighting applications

### FEATURES AND BENEFITS

- Ideal for lighting and switching circuits
- Easy to strip
- Manufactured under ISO 9001 Quality management systems

### STANDARDS



**BS 6004**

**BS EN 60332-1-2**

Construction Standard

Flame Propagation - Single Cable

### CONSTRUCTION

Conductor material	Copper
Conductor surface	Bare
Core insulation material	Polyvinyl chloride (PVC)
Material outer sheath	Polyvinyl chloride (PVC)
Cable shape	Flat

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## APPLICATIONS PROPERTIES

Nominal voltage U <sub>0</sub> [V]	300
Nominal voltage U [V]	500
Flame retardant	In accordance with BS EN 60332-1-2
Max. conductor temperature [°C]	70
Min. Operation temperature [°C]	-15
Min. Installation temperature [°C]	0
Max. Installation temperature [°C]	60
Bending radius (rule)	4D (Minor axis)

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## COLOURS

Insulation: Brown or Blue

Sheath: Grey

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## CURRENT RATINGS

Refer to table 4D5 of BS 7671 Requirements for Electrical Installations. IET Wiring Regulations

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## TECHNICAL DATA

Number of cores	Nominal cross section conductor [mm <sup>2</sup> ]	Conductor category	Nominal cross section of protective conductor [mm <sup>2</sup> ]	Cable height approx. [mm]	Cable width approx. [mm]	Cable weight [kg/km]	Conductor resistance at 20° C [Ohm/km]
1	1	Class 1 = solid	1	4.5	5.6	38	18.1
1	1.5	Class 1 = solid	1	4.7	5.8	46	12.1