

# 6241Y

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



Prysmian 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

## **ADDITIONAL TECHNICAL SUPPORT**

- FAQ's- uk.prysmian.com/technical-area/faqs
- <u>Technical email</u> tech.info@prysmian.com
- Live Chat uk.prysmian.com/technical-area
- Technical hotline: 02380 295222

### **STANDARDS**



BS 6004 BS EN 60332-1-2 Construction Standard

Flame Propagation - Single Cable

### **CONSTRUCTION**

Conductor material Conductor surface Core insulation material Material outer sheath Cable shape Copper Bare

Polyvinyl chloride (PVC) Polyvinyl chloride (PVC)

Flat

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## **APPLICATIONS PROPERTIES**

Nominal voltage U0 [V] 300
Nominal voltage U [V] 500

Flame retardant In accordance with BS EN 60332-1-2

Max. conductor temperature [°C]70Min. Operation temperature [°C]-15Min. Installation temperature [°C]0Max. Installation temperature [°C]60

Bending radius (rule) 4D (Minor axis)

#### **COLOURS**

Insulation: Brown or Blue

Sheath: Grey

## **CURRENT RATINGS**

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

### **TECHNICAL DATA**

Number of cores	Nominal cross section conductor [mm²]	Conductor category	Nominal cross section of protective conductor [mm²]	Cable height approx. [mm]	Cable width approx. [mm]	Cable weight [kg/km]	Conductor resistance at 20° C [Ohm/km]	Embodied Carbon [CO2e kg/km]
1	1	Class 1 = solid	1	4.5	5.6	38	18.1	100
1	1.5	Class 1 = solid	1	4.7	5.8	46	12.1	119

<sup>\*</sup>The embodied carbon figure is taken from a single product in the range, for more information on how we calculate our embodied carbon figure visit here: <a href="https://uk.prysmiangroup.com/embodied-carbon">https://uk.prysmiangroup.com/embodied-carbon</a>

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