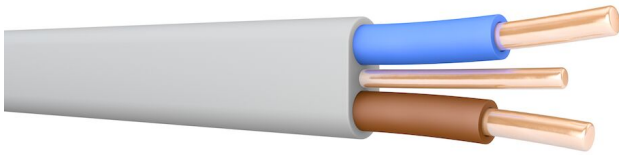


## 6242Y

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



Prysmian 6242Y is a flat PVC insulated and sheathed low voltage wiring cable typically used for small power and lighting applications. Two cores 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 ring and radial circuits
- Ideal for lighting and switching circuits
- Easy to strip
- Manufactured under ISO 9001 Quality management systems

### ADDITIONAL TECHNICAL SUPPORT

- [FAQ's](https://uk.prysmian.com/technical-area/faqs) - [uk.prysmian.com/technical-area/faqs](https://uk.prysmian.com/technical-area/faqs)
- [Technical email](mailto:tech.info@prysmian.com) - [tech.info@prysmian.com](mailto:tech.info@prysmian.com)
- [Live Chat](https://uk.prysmian.com/technical-area) - [uk.prysmian.com/technical-area](https://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

## 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)

## COLOURS

Insulation: Brown, Blue  
 Alternatively, Brown, Brown (for 2x1.0 and 2x1.5 only)  
 Sheath: Grey

## CURRENT RATINGS

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

## SUSTAINABILITY COMMITMENT

At Prysmian, sustainability is at the heart of our mission. By using sustainable processes and materials we are at the forefront of green innovation, promoting resource efficiency in our operations. We also partner with other sustainable companies to advocate responsible practices across our supply chain to reflect our commitment to a greener future. Discover how we are driving the future of sustainable cable and system solutions: [Sustainability in the UK | Prysmian](#).



SCIENCE  
BASED  
TARGETS



RESPONSIBLE  
MICA INITIATIVE



RESPONSIBLY  
PRODUCED  
COPPER



Scan to find out more

## 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]	Embodied Carbon [CO <sub>2</sub> e kg/km]
2	1	Class 1 = solid	1	4.5	8.2	58	18.1	149
2	1.5	Class 1 = solid	1	4.7	8.6	74	12.1	185
2	2.5	Class 1 = solid	1.5	5.3	9.9	110	7.41	269
2	4	Class 2 = stranded	1.5	6.1	11.4	155	4.61	404
2	6	Class 2 = stranded	2.5	6.8	13.1	215	3.08	563
2	10	Class 2 = stranded	4	8.4	16.8	350	1.83	948
2	16	Class 2 = stranded	6	9.6	19.5	520	1.15	1,348

\*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: <https://uk.prysmiangroup.com/embodied-carbon>