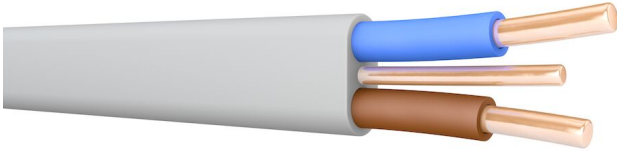


## 6242Y

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.prysmiangroup.com/technical-area/faqs) - uk.prysmiangroup.com/technical-area/faqs
- [Technical email](mailto:tech.info@prysmiangroup.com) - tech.info@prysmiangroup.com
- [Live Chat](https://uk.prysmiangroup.com/technical-area) - uk.prysmiangroup.com/technical-area
- Technical hotline: 02380 295222

### 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

## 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]	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

## 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	277
2	1.5	Class 1 = solid	1	4.7	8.6	74	12.1	360
2	2.5	Class 1 = solid	1.5	5.3	9.9	110	7.41	545
2	4	Class 2 = stranded	1.5	6.1	11.4	155	4.61	798
2	6	Class 2 = stranded	2.5	6.8	13.1	215	3.08	1,169
2	10	Class 2 = stranded	4	8.4	16.8	350	1.83	1,952
2	16	Class 2 = stranded	6	9.6	19.5	520	1.15	2,970

\*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>