Prysmian

A Brand of Prysmian Group

2x16+6.0 CU PVC PVC 0.5kV 6242Y GRY

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

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, 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 2
Nominal cross section conductor [mm²] 16

Conductor category Class 2 = stranded

Nominal cross section of protective conductor [mm²] 6
Cable height approx. [mm] 9.6
Cable width approx. [mm] 19.5
Cable weight [kg/km] 520
Conductor resistance at 20° C [Ohm/km] 1.15

*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