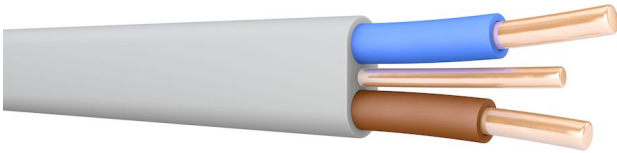


## 6242Y

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



Draka 6242Y is a flat PVC insulated and sheathed low voltage wiring cable typically used for small power and lighting applications  
Two 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 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       | 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, Blue

Alternatively, Brown, Brown (for 2x1.0 and 2x1.5 only)

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] |
|-----------------|--|--------------------|--|---------------------------|--------------------------|----------------------|--|
| 2               | 1  | Class 1 = solid    | 1  | 4.5                       | 8.2                      | 58                   | 18.1                                   |
| 2               | 1.5  | Class 1 = solid    | 1  | 4.7                       | 8.6                      | 74                   | 12.1                                   |
| 2               | 2.5  | Class 1 = solid    | 1.5  | 5.3                       | 9.9                      | 110                  | 7.41                                   |
| 2               | 4  | Class 2 = stranded | 1.5  | 6.1                       | 11.4                     | 155                  | 4.61                                   |
| 2               | 6  | Class 2 = stranded | 2.5  | 6.8                       | 13.1                     | 215                  | 3.08                                   |
| 2               | 10   | Class 2 = stranded | 4  | 8.4                       | 16.8                     | 350                  | 1.83                                   |
| 2               | 16   | Class 2 = stranded | 6  | 9.6                       | 19.5                     | 520                  | 1.15                                   |