

# BUILDING WIRES SINGLE CORE, PVC INSULATED NON-SHEATHED



2

1

- 1. Single core conductor
- 2. PVC Insulation.

**TYPE OF CABLE:** H05V-U (UK: 6491X)  
**VOLTAGE:** 300/500V  
**SPECIFICATION:** ELOT 563 - HD 21.3 - BS: 6004

## Applications

For internal wiring of switching boxes and other electrical appliances, for installation in closed conduits and tubes. Not for direct installation under plaster.

| CONDUCTOR<br>NOMINAL<br>CROSS-<br>SECTIONAL<br>AREA | EXTERNAL<br>DIAMETER<br>(APPROX.) | NET<br>WEIGHT<br>(APPROX.) | MAXIMUM<br>CONDUCTOR<br>DC<br>RESISTANCE<br>AT 20° C | CONTINUOUS<br>CURRENT<br>RATING | VOLTAGE DROP                         |                                    |
|---|-----------------------------------|----------------------------|--|---------------------------------|--------------------------------------|------------------------------------|
|   |                                   |                            |  |                                 | 2 cables<br>single phase<br>AC or DC | 3 or 4 cables<br>three phase<br>AC |
| mm <sup>2</sup>                                     | mm                                | Kg/Km                      | Ω/Km   | A                               | mV / A/m                             | mV / A/m                           |
| 0,5   | 2,3                               | 9                          | 36   | 3                               | 87                                   | 75                                 |
| 0,75  | 2,5                               | 11                         | 24,5   | 6                               | 59                                   | 51                                 |
| 1   | 2,7                               | 14                         | 18,1   | 10                              | 44                                   | 38                                 |



2

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- 1. Flexible conductor
- 2. PVC insulation

**TYPE OF CABLE:** H05V-K (UK: 2491X)  
**VOLTAGE:** 300/500V  
**SPECIFICATION:** ELOT 563 - HD 21.3 - BS 6004

## Applications

Suitable for fixed protected installations in or on lighting fittings and inside appliances.

## Colours

**Identification of cores:** Green/yellow, light blue, black, brown.

| CONDUCTOR<br>NOMINAL<br>CROSS-<br>SECTIONAL<br>AREA | EXTERNAL<br>DIAMETER<br>(APPROX.) | NET<br>WEIGHT<br>(APPROX.) | MAXIMUM<br>CONDUCTOR<br>DC<br>RESISTANCE<br>AT 20° C | CONTINUOUS<br>CURRENT<br>RATING | VOLTAGE DROP                         |                                    |
|---|-----------------------------------|----------------------------|--|---------------------------------|--------------------------------------|------------------------------------|
|   |                                   |                            |  |                                 | 2 cables<br>single phase<br>AC or DC | 3 or 4 cables<br>three phase<br>AC |
| mm <sup>2</sup>                                     | mm                                | Kg/Km                      | Ω/Km   | A                               | mV / A/m                             | mV / A/m                           |
| 0,5   | 2,5                               | 9                          | 39   | 3                               | 94                                   | 81                                 |
| 0,75  | 2,7                               | 11                         | 26   | 6                               | 63                                   | 54                                 |
| 1   | 2,8                               | 14                         | 19,5   | 10                              | 47                                   | 41                                 |