



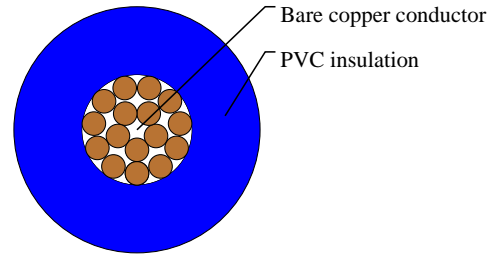
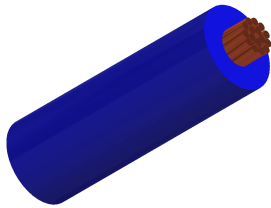
# Caledonian

Industrial Cables to British Standard

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2491X to BS 6004(New BS EN 50525-2-31)



## APPLICATIONS

These cables are designed for use in the switch control, relay and instrumentation panels of power switchgear and for purposes such as internal connectors in rectifier equipment, motor starters and controllers. 2491X is equivalent to harmonized code H05V-K.

## VOLTAGE RATING

300/500V

## CABLE CONSTRUCTION

- Fine bare copper strands
- Stranding to BS 6360 CL-5 or IEC 60228 CL-5
- Special PVC T11 core insulation to BS 7655

## COLOUR CODE

Black, Blue, Green/Yellow, Red, Yellow, White, Violet, Brown, Grey, Orange, Pink

## PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2000volts
- Minimum bending radius: 6xOverall diameter
- Flexing temperature: -5° C to +70° C
- Static temperature: -30° C to +80° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 10 MΩxkm

## DIMENSION AND PARAMETERS

| No. of Cores<br>× Cross-sectional Area | AWG Size  | Nominal Insulation Thickness | Approx. Overall Diameter | Nominal Copper Weight | Approx. Weight |
|--|-----------|------------------------------|--------------------------|-----------------------|----------------|
| No.×mm <sup>2</sup>                    |           | mm                           | mm                       | kg/km                 | kg/km          |
| 1x0.5                                  | 17(32/32) | 0.6                          | 2.1                      | 4.9                   | 10             |