



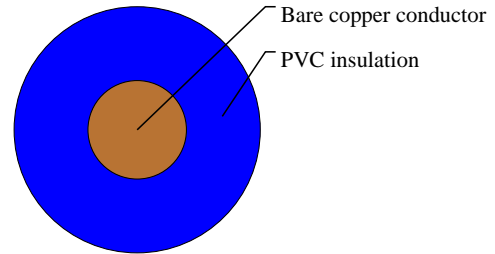
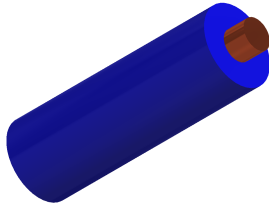
Caledonian

Industrial Cables to British Standard

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2491B to BS 7211(New BS EN 50525-3-41)



APPLICATIONS

These special heat-resistant flexible single-conductor hook-up wires are ideal for use in power current installation, switch cabinets, motors and transformers which are subject to direct contact with high temperature equipments(e.g. varnishing machines and drying towers etc.). These are also suitable for inside wiring of electrical equipments such as lighting and heating apparatus. 2491X HR is equivalent to harmonized code H05V2-U.

VOLTAGE RATING

300/500V

CABLE CONSTRUCTION

- Fine bare copper strands
- Solid wire to BS 6360 CL-1 or IEC 60228 CL-1
- Special heat resistant PVC TI3 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: 2000/2500 volts
- Flexing bending radius: 10-15xOverall diameter
- Static bending radius: 10-15xOverall diameter
- Flexing temperature: +5° C to +90° C
- Static temperature: -10° C to +105° C
- Short circuit temperature: +160° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩxkm

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	AWG Size	Nominal Insulation Thickness	Approx. Overall Diameter	Nominal Copper Weight	Approx. Weight
No.×mm ²		mm	mm	kg/km	kg/km



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1x0.5	20(solid)	0.6	2.1	4.8	9
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