



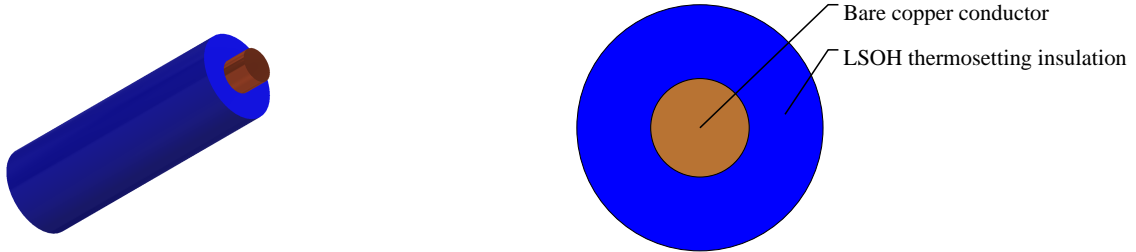
Caledonian

Industrial Cables to British Standard

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



APPLICATIONS

These flexible cable are used in panel, conduit and general fixed wiring applications where there is a requirement for flexibility during installation and in the event of fire, a need to minimize the risk from smoke and toxic fumes but where circuit integrity is not required. Not suitable for wet or immersed applications. 2491B is equivalent to harmonized code H05Z-U.

VOLTAGE RATING

300/500V

CABLE CONSTRUCTION

- Fine bare copper conductor
- Solid wire to BS 6360 CL-1 or IEC 60228 CL-1
- LSOH thermosetting core insulation type EI5

COLOUR CODE

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

PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2000v
- Minimum bending radius: 5xOverall diameter
- Flexing temperature: -15° C to +90° C
- Static temperature: -40° C to +90° C
- Insulation resistance: 10 MΩxkm
- Halogen free acc. to EN 50267-2-1 / IEC 60754-1
- Smoke density acc. to EN 50268-2 / IEC 61034-2
- Corrosivity of gases acc. to EN 50267-2-2, IEC 60754-2
- Flame retardancy acc. to EN 50265-2-1, IEC 60332-1

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	2.0	4.8	8
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