



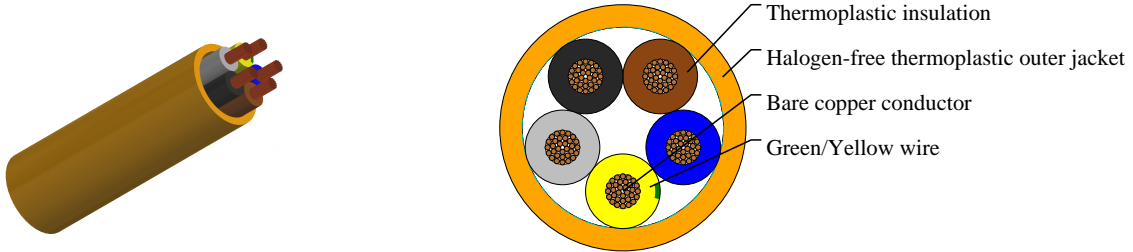
# Caledonian

Industrial Cables to British Standard

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318B to BS 6500(New BS EN 50525-3-11)



## APPLICATIONS

These cables may be used as an indoor general wiring cable primarily for installations in public areas. Examples include use on pendant lighting drops or as a general supply lead within hospital or airport projects. They are suitable for installations where fire, smoke emission and toxic fumes create a potential threat to life and equipment. 318B is equivalent to harmonized code H05Z1Z1-F.

## VOLTAGE RATING

300/500V

## CABLE CONSTRUCTION

- Fine bare copper strands
- Stranding to BS 6360 CL-5 or IEC 60228 CL-5
- Halogen-free thermoplastic T16 core insulation
- Green/Yellow grounding (3 conductors and above)
- Halogen-free thermoplastic TM7 outer jacket

## COLOUR CODE

5 Cores: Brown, Blue, Grey, Black and Green/Yellow

## PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2000 volts
- Flexing bending radius: 6xOverall diameter
- Fixed bending radius: 4xOverall diameter
- Operating temperature: -30° C to +90° C
- Short circuit temperature: +160° C
- Insulation resistance: 20 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



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No. of Cores × Cross- sectional Area	AWG Size	Nominal Insulation Thickness	Nominal Sheath Thickness	Approx. Overall Diameter	Nominal Copper Weight	Approx. Weight
No.×mm <sup>2</sup>		mm	mm	mm	kg/km	kg/km
5 x 1	17(32/32)	0.8	0.9	8.4	48	107