



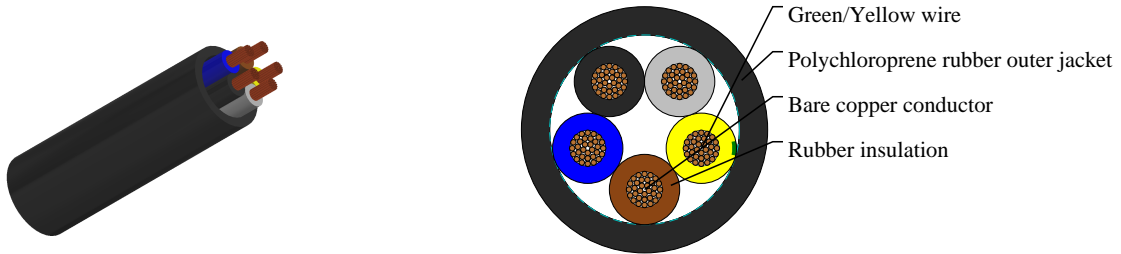
# Caledonian

Industrial Cables to British Standard

[www.caledonian-cables.com](http://www.caledonian-cables.com)

[marketing@caledonian-cables.com](mailto:marketing@caledonian-cables.com)

## 318TRS to BS 6500(New BS EN 50525-2-21)



### APPLICATIONS

These cables are suitable for use with electronics and electrical equipment such as appliances, small hand tools and office equipment, where the cables may be subject to light and medium stresses in both dry and damp environments. They can be used in flat irons, soldering irons, kitchen aids, toasters, stoves in connections with light commercial electric tools. They are also suitable for fixed installation in furniture, decorative coverings, wall partitions and pre-fabricated building parts. 318TRS is equivalent to harmonized code H05RR-F.

### VOLTAGE RATING

300/500V

### CABLE CONSTRUCTION

- Fine bare copper strands
- Stranding to BS 6360 CL-5 or IEC 60228 CL-5
- Rubber core insulation EI4
- Green/Yellow grounding, 3 conductors and above
- Polychloroprene rubber (neoprene) jacket EM3

### COLOUR CODE

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

### PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2000 volts
- Flexing bending radius: 8xOverall diameter
- Fixed bending radius: 6xOverall diameter
- Temperature range: -30° C to +60° C
- Short circuit temperature: +200 ° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩxkm

### DIMENSION AND PARAMETERS



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No. of Cores × Cross- sectional Area	AWG Size	Nominal Insulation Thickness	Nominal Sheath Thickness	Overall Diameter (min.)	Overall Diameter (max.)	Nominal Copper Weight	Approx. Weight
No. × mm <sup>2</sup>		mm	mm	mm	mm	kg/km	kg/km
5 x 1	17(32/32)	0.6	1.0	8.0	10.3	48	130