



Doncaster Cables

LIGHTING CABLE

1/0.8mm Copper with Heat Resisting Insulation

Manufactured generally to BS EN 50525-2-31:2011 where applicable.

Conductor: Plain Annealed Copper Class 1 Solid to BS EN 60228
Insulation: Heat Resisting PVC Type TI3 to BS EN 50363-3

This cable is primarily used for internal wiring of lighting products. It consists of a single solid conductor (allowing or easy termination) and a heat resisting PVC insulation.

Voltage Rating: 300/500V
Maximum Conductor Operating Temperature: 105°C
Spark Test Voltage: 6kV AC or 9kV DC
Short Circuit Rating: 22A for 5s or 50A for 1s
Continuous Current Rating: 3A

Dimensional Details:

Product Code	Nominal Stranding Area of Conductor (mm ²)	Nominal Stranding of Conductor (mm)	Nominal Radial Thickness of insulation (mm)	Approximate Overall Diameter (mm)	Approximate Weight (kg/km)
LC0.5	0.5	1/0.8	0.6	2.3	8.6

Weight and dimensional information is provided as an approximate guide only.

STANDARD CORE COLOURS

As Requested



The British Cable Company You Can Trust



Sales Office: Millfield Industrial Estate, Arksey Lane, Bentley, Doncaster, South Yorkshire, DN5 0SJ

Tel: 01302 821700 Email: sales@doncastercables.com