

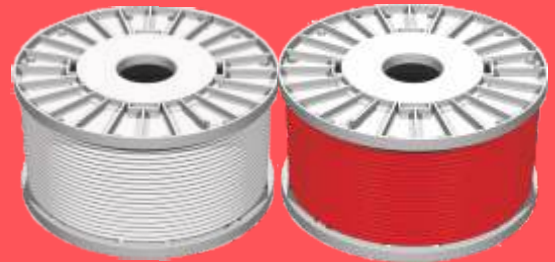
Specifications

LPCB & BASEC approved to	'Enhanced' Fire Cable Fire Resistance Standard Fire Resistance Standard Fire Resistance Standard Fire Resistance Standard Fire Resistance Standard Halogen Emission Standard Low Smoke Standard	BS 5839-1:2013 Clause 26.2e BS 8519:2010 Category 2 BS 8434-2:2003+A2:2009 120 mins BS EN 50200:2006 PH30, PH60 & PH120 BS 7629-1:2008 BS 6387:2013 Clause 6, 7 & 8 CWZ BS EN 50267-2-1:1999 BS EN 61034-2:2005
Designed to comply to	Emergency Lighting Voice Alarm Systems Standard Voice Communication Standard	BS 5266-1:2011 BS 5839-8:2013 BS 5839-9:2013
Materials	CPC (Earth) Conductors Core Installation Screening Outer Sheath	Tinned Annealed Copper Plain Annealed Copper Fire Resistant Silicone Copper Foil Low Smoke Halogen Free Thermoplastic
Working Voltage	Core to Core Core to CPC	500V 300V
Types	Outer Sheath Colours Number of Cores Inner Cores CSA	Red or White 2, 3 & 4 Core 1.0, 1.5, 2.5 & 4.0mm ² CSA
Resistance	1.0mm ² CSA 1.5mm ² CSA 2.5mm ² CSA 4.0mm ² CSA	18.1 Ohms / 1Km 12.1 Ohms / 1Km 7.41 Ohms / 1Km 4.61 Ohms / 1Km
Minimum Bend Radius	Radius = 6 x Diameter	
Operating Temp. Installation Temp.	Minimum/Maximum Minimum/Maximum	- 40°C to + 90°C, 0°C to + 70°C
Voltage Drop (DC or Single Phase AC)	1.0mm ² CSA 1.5mm ² CSA 2.5mm ² CSA 4.0mm ² CSA	44 Ohms mV / A / m 29 Ohms mV / A / m 18 Ohms mV / A / m 11 Ohms mV / A / m
Approximate Overall Diameter	2 Core 3 Core 4 Core	1.0mm ² / 8.00mm 1.5mm ² / 8.20mm 2.5mm ² / 8.80mm 4.0mm ² / 10.20mm 1.0mm ² / 8.90mm 1.5mm ² / 9.90mm 2.5mm ² / 10.80mm 4.0mm ² / 13.10mm 1.0mm ² / 10.40mm 1.5mm ² / 11.10mm 2.5mm ² / 12.60mm 4.0mm ² / 15.00mm
Approximate Weights	2 Core with CPC 3 Core with CPC 4 Core with CPC	1.0mm ² 8.2 Kg / 100 m 1.5mm ² 9.7 Kg / 100 m 2.5mm ² 14.4 Kg / 100 m 4.0mm ² 24.0 Kg / 100 m 1.0mm ² 9.8 Kg / 100 m 1.5mm ² 13.2 Kg / 100 m 2.5mm ² 19.4 Kg / 100 m 4.0mm ² 28.0 Kg / 100 m 1.0mm ² 11.2 Kg / 100 m 1.5mm ² 14.8 Kg / 100 m 2.5mm ² 22.7 Kg / 100 m 4.0mm ² 50.0 Kg / 100 m
Current Rating	Cable Clipped (DC or Single Phase AC) Enclosed (DC or Single Phase AC)	1.0mm ² 15A 1.5mm ² 19.5A 2.5mm ² 27A 4.0mm ² 36A 1.0mm ² 13A 1.5mm ² 16.5A 2.5mm ² 23A 4.0mm ² 30A
Capacitance Rating	1.5mm ² CSA 2 Core & CPC } 3 Core & CPC } 4 Core & CPC ~ 2.5mm ² CSA 2 Core & CPC } 3 Core & CPC } 4 Core & CPC }	Core to Core - Average 70 pF/m Core to Screen - Average 125 pF/m Core to Core - Average 75 pF/m Core to Screen - Average 150 pF/m Core to Core - Average 85 pF/m Core to Screen - Average 155 pF/m
Warranty	Period Identification	10 Years from Date of Manufacture Date of Manufacture Marked On Cable

The Fastest Fire Cable to Install

Ventcroft NoBurn Plus is available in a variety of multiple core combinations all with CPC (circuit protection conductor).

100m, 200m, 500m reels and other special lengths are available.



Grey Plastic Reels for Clear Identification from 'Standard' Cable

- Installer Safe and Easy Handling •
- Better Reeling and Damage Resistant •
- Weather and Moisture Resistant •

Available with Red & White Sheaths Ex Stock. Black, Orange and other Sheath Colours Available - MOQ will apply.

Manufacturers Recommended Installation Guide Lines

Recommended metal clip spacing 300mm Horizontal
400mm Vertical

The type, spacing and requirement of additional fixings when laid in Cable Trays is optional & relative to local risk assessment.

Installation Temperatures:

Minimum installation Temperature 0°C
Maximum installation Temperature 70°C

Operating Temperature:

Minimum -40°C to Maximum +90°C.
The cable should not be flexed or bent when either the cable or operating temperature is below the recommended minimum or above the maximum recommended installation temperatures.

Minimum Bend Radius = 6 x Diameter

Plastic clips or ties must not be used as the sole means of support for fire cable.

