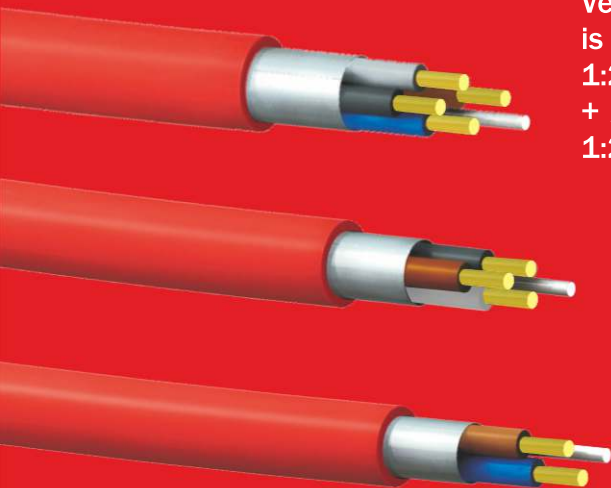


Fire System Cables



Ventcroft's NoBurn Platinum 'Standard' Fire Performance Cable is approved by both LPCB and BASEC to meet with BS 5839-1:2002 + A2:2008 Clause 26.2d Standard, BS EN 50200:2006 + Annex E 30 minutes, BS EN 50200:2006 PH120, BS 7629-1:2008 and BS 6387:1994 Clause 11 CWZ.

NoBurn cable is manufactured in the UK using the latest technology, materials and manufacturing equipment. Materials and processes are recorded and tracked throughout manufacture to ensure consistent reliability and quality. All cable is marked with time and date of manufacture and each reel with a unique quality assurance batch and test number.

NoBurn cable cores are twisted during manufacture to provide the highest level of data protection, ideal for long cable runs and analogue addressable fire systems.

NoBurn fire cable is the fastest cable to prepare for termination.

No troublesome multiple sheaths to strip:-

- All in one - Easy strip outer sheath
- No separate foil
- No additional fibre wraps
- No mica tape on conductors
- No additional core separators to remove

NoBurn cable has superb working flexibility but stays where you put it, reduced installation time and costs.



LPCB Ref. No. 682a/01



Licence No: 152/001



Emergency Lighting Systems

2006 saw the introduction of a revised standard for the cable used with Emergency Lighting Systems - BS 5266-1:2005.



The standard now calls for a Fire Performance cable to meet BS EN 50200:2006 PH60 - a one hour fire performance test. NoBurn Standard fire cable is certified by LPCB and BASEC to meet twice the required duration to PH120, two hour duration.

Be Safe - Insist on NoBurn for all Emergency Lighting Systems

Fire Performance Cable

Features

- Easy to Install and Superb Working Flexibility
- 12 Twists per metre for Data Protection
- Red, White, Black & Orange Outer Sheaths Available
- 1mm², 1.5mm², 2.5mm² & 4.0mm²
- 200m, 500m and Special Lengths Available
- Aluminium / Co-polymer Foil Screen
- Low Smoke & Zero Halogen
- Suitable for Air Conditioning, Computer Control & Lift Doors where Low Smoke & Zero Halogen is required

Approved and Certified to meet

- BS 5839-1:2002 +A2: 2008 Clause 26.2d 'Standard' Fire Cable
- BS EN 50200:2006 + Annex E 30 mins. Fire Resistance Standard
- BS EN 50200:2006 PH120 Fire Resistance Standard
- BS 7629-1:2008 Fire Resistance Standard
- BS 6387:1994 Clause 11 CWZ Fire Resistance Standard
- BS EN 50267-2-1:1999 Halogen Emission Standard
- BS EN 61034-2:2005 Low Smoke Standard

Also suitable for

- Emergency Lighting Standard BS 5266-1:2005
- Voice Alarm Systems Standard BS 5839-8:2008
- Voice Communication Standard BS 5839-9:2003
- (Risk Assessment May Demand Mechanical Protection)



Manufactured in Great Britain

www.ventcroft.co.uk



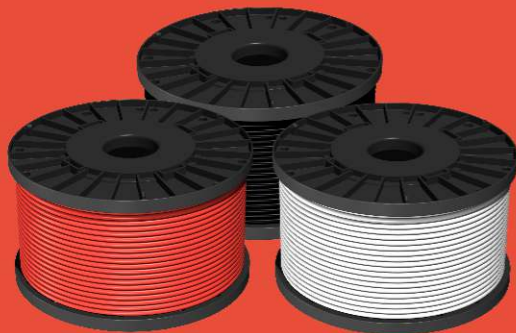
VA33 V11.2 09/12/2011



The Fastest Fire Cable to Install

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

500m reels and other special lengths are available.



Supplied On Robust Plastic Reels

- Installer safe and easy handling •
- Better Reeling and damage resistant •
- Weather and moisture resistant •

Manufacturers Recommended Installation Guide Lines

Recommended metal clip spacing 300mm Horizontal
400mm Vertical

Recommended Cable Tray Fastening - Metal Tie, spacing every 1.5 metres.

Installation Temperatures:

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

Operating Temperature:

Minimum -40°C to Maximum +90°C.

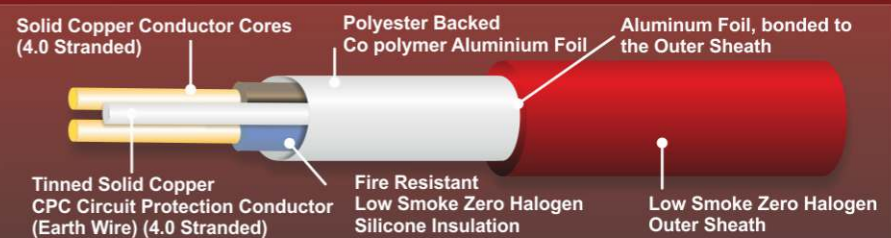
The cable should not be flexed or bent when either the cable or operating temperature is below the recommended minimum or above the maximum recommended **installation** temperatures.

Minimum Bend Radius = 6 x Diameter

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

Specifications

LPCB & BASEC approved to	'Standard' Fire Cable Fire Resistance Standard Fire Resistance Standard Fire Resistance Standard Fire Resistance Standard Halogen Emission Standard Low Smoke Standard	BS 5839-1:2002 +A2: 2008 Clause 26.2d BS EN 50200:2006 + Annex E 30 mins. BS EN 50200:2006 PH120 BS 7629-1:2008 BS 6387:1994 Clause 11 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 (Risk Assessment May Demand Mechanical Protection)	BS 5266-1:2005 BS 5839-8:2008 BS 5839-9:2003
Materials	CPC (Earth) Conductors Core Installation Screening Outer Sheath	Tinned Annealed Copper Plain Annealed Copper Fire Resistant Silicone Aluminium 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, White, Black or Orange 2, 3 & 4 Core 1.0, 1.5, 2.5 & 4.0mm CSA
Resistance	1.0mm CSA 1.5mm CSA 2.5mm CSA 4.0mm CSA	18.1 Ohms / 1 Km 12.1 Ohms / 1 Km 7.41 Ohms / 1 Km 4.61 Ohms / 1 Km
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 CSA 1.5mm CSA 2.5mm CSA 4.0mm 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 / 7.90mm 1.5mm / 8.30mm 2.5mm / 9.40mm 4.0mm / 11.90mm 1.0mm / 8.40mm 1.5mm / 9.40mm 2.5mm / 10.80mm 4.0mm / 12.80mm 1.0mm / 8.90mm 1.5mm / 9.80mm 2.5mm / 11.40mm 4.0mm / 13.90mm
Approximate Weights	2 Core with CPC 3 Core with CPC 4 Core with CPC	1.0mm 8.0 Kg / 100 m 1.5mm 9.5 Kg / 100 m 2.5mm 14.1 Kg / 100 m 4.0mm 20.0 Kg / 100 m 1.0mm 9.5 Kg / 100 m 1.5mm 12.9 Kg / 100 m 2.5mm 19.1 Kg / 100 m 4.0mm 25.0 Kg / 100 m 1.0mm 10.9 Kg / 100 m 1.5mm 14.5 Kg / 100 m 2.5mm 22.2 Kg / 100 m 4.0mm 31.0 Kg / 100 m
Current Rating (Current Ratings listed are at 30°C Refer to BS7671/EE Wiring Regulations for de-rating factor.)	Cable Clipped (DC or Single Phase AC) Enclosed (DC or Single Phase AC)	1.0mm 15A 1.5mm 19.5A 2.5mm 27A 4.0mm 36A 1.0mm 13A 1.5mm 16.5A 2.5mm 23A 4.0mm 30A
Capacitance Rating	1.5mm CSA 2 Core & CPC } 3 Core & CPC } 4 Core & CPC ~ 2.5mm CSA 2 Core & CPC } 3 Core & CPC } 4 Core & CPC ~	Core to Core - Average 70 pF/m Core to Screen - Average 130 pF/m Core to Core - Average 75 pF/m Core to Screen - Average 150 pF/m Core to Core - Average 80 pF/m Core to Screen - Average 145 pF/m Core to Core - Average 85 pF/m Core to Screen - Average 165 pF/m
Warranty	Period Identification	10 Years from Date of Manufacture Date of Manufacture Marked On Cable



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Manufactured in Great Britain

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E&OE

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