



**LEDBURN CABLES IS  
AN INDEPENDENTLY  
OWNED CABLE  
DISTRIBUTOR.**

## NO BURN STANDARD FIRE

*NoBurn Platinum is the fastest fire cable to prepare for termination with no troublesome multiple sheaths, foils or wraps to strip.*

*NoBurn Platinum cable has superb working flexibility and stays where you put it, reducing installation time and costs.*



Now one of the leading brands of fire cable. NoBurn Platinum fire cable is manufactured in the UK using the latest technology, materials and manufacturing equipment. Our materials and production processes are audited by LPCB and BASEC to ensure consistent reliability and quality, with each reel fully traceable by batch number and time and date of manufacture.

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Approved by LPCB and BASEC to meet with BS 5839-1:2013 Clause 26.2d Standard, BS EN 50200:2006 + Annex E 30 minutes & BS EN 50200:2006 Class PH30, PH60 & PH120 NoBurn Platinum's core twists will provide the highest level of data protection, ideal for long cable runs and analogue addressable fire systems. Also certified by LPCB and BASEC to BS 7629-1:2008 & BS 6387:1994 Clause 11 CWZ including 3 hour burn test at 950°C.

NoBurn Platinum fire cable is also the most highly certified cable for use with Emergency Lighting Systems, certified to exceed BS 5266-1 2011 and BS EN 50200:2006 PH60 - 1 hour duration, NoBurn Platinum is certified by LPCB and BASEC to withstand to PH120 - providing 2 hours of protection. Also suitable for automatic lift doors, air conditioning and computer control where low smoke, fume and zero halogen cable is required.

# Features

- Easy to Install and Superb Working Flexibility!
- Up to 12 Twists per metre for Data Protection
- Red, White, Black & Orange Outer Sheaths Available
- 0mm, 1.5mm, 2.5mm & 4.0mm Conductors!
- 100m, 200m, 500m and Special Lengths Available!
- Aluminium / Co-polymer Foil Screen
- Low Smoke & Zero Halogen
- Voltage Rating 300v/500v
- Suitable for Zone 1 and Zone 2 Hazardous Area use
- Suitable for Air Conditioning, Computer Control & Lift Doors where Low Smoke & Zero Halogen is required
- Supplied on Robust Black Plastic Reels - Clear Identification from Enhanced Fire Cable

# Certified

<b>BS 5839-1:2013 Clause 26.2d</b>	'Standard' Fire System Cable
<b>BS 7629-1:2008</b>	Fire Cable Standard
<b>BS EN 50200:2006+Annex E 30 mins</b>	Fire, Mechanical Shock & Water - 30 mins @ 830°C (Water final 15 mins)
<b>BS EN 50200:2006 PH30, PH60 &amp; PH120</b>	Fire & Mechanical Shock - total of 120 mins @ 830°C (MS every 5 mins)
<b>BS 6387:2013 Clause 6,7 &amp; 8 CWZ</b>	C - Fire only for 180 mins (3 hours) @ 950°C  W- Fire & Water for 30 mins @ 650°C (Water final 15 mins)  Z- Fire & Mechanical Shock for 15 mins @ 950°C (MS every 30 seconds)
<b>BS EN 50267-2-1:1999</b>	Halogen Emission Standard
<b>BS EN 61034-2:2005</b>	Low Smoke Standard

# Specifications

LPCB & BASEC approved to	'Standard' Fire Cable	BS 5839-1:2013 Clause 26.2d
	Fire Resistance Standard	BS EN 50200:2006+Annex E 30 mins
	Fire Resistance Standard	BS EN 50200:2006 PH30, PH60 & PH120
	Fire Resistance Standard	BS 7629-1:2008
	Fire Resistance Standard	BS 6387:2013 Clause 6,7 & 8 CWZ
	Halogen Emission Standard	BS EN 50267-2-1:1999
	Low Smoke Standard	BS EN 61034-2:2005
Designed to comply to	Emergency Lighting	BS 5266-1:2011
	Voice Alarm Systems Standard	BS 5839-8:2013
	Voice Communication Standard(Risk Assessment May Demand Mechanical Protection)	BS 5839-9:2013
Materials	CPC (Earth)	Tinned Annealed Copper
	Conductors	Plain Annealed Copper
	Core Installation	Fire Resistant Silicone
	Screening	Aluminium Foil
	Outer Sheath	Low Smoke Halogen Free Thermoplastic
Working Voltage	Core to Core	500V
	Core to CPC	300V
Types	Outer Sheath Colours	Red, White, Black or Orange
	Number of Cores	2, 3 & 4 Core
	Inner Cores CSA	1.0, 1.5, 2.5 & 4.0mm <sup>2</sup> CSA
Resistance	1.0mm <sup>2</sup> CSA	18.1 Ohms / 1 Km
	1.5mm <sup>2</sup> CSA	12.1 Ohms / 1 Km
	2.5mm <sup>2</sup> CSA	7.41 Ohms / 1 Km
	4.0mm <sup>2</sup> CSA	4.61 Ohms / 1 Km
Minimum Bend Radius	Radius = 6 x Diameter	
Operating Temp.	Minimum/Maximum	- 40°C to +90°C
Installation Temp.	Minimum/Maximum	0°C to +70°C
Voltage Drop (DC or Single Phase AC)	1.0mm <sup>2</sup> CSA	44 Ohms mV / A/ m
	1.5mm <sup>2</sup> CSA	29 Ohms mV / A/ m
	2.5mm <sup>2</sup> CSA	18 Ohms mV / A/ m
	4.0mm <sup>2</sup> CSA	11 Ohms mV / A/ m
Approximate Overall Diameter	2 Core	1.0mm <sup>2</sup> / 7.35mm
		1.5mm <sup>2</sup> / 7.60mm
		2.5mm <sup>2</sup> / 9.00mm
		4.0mm <sup>2</sup> / 10.90mm
	3 Core	1.0mm <sup>2</sup> / 7.95mm
		1.5mm <sup>2</sup> / 8.75mm
		2.5mm <sup>2</sup> / 9.50mm
		4.0mm <sup>2</sup> / 12.50mm
	4 Core	1.0mm <sup>2</sup> / 8.20mm

		1.5mm <sup>2</sup> / 9.00mm	
		2.5mm <sup>2</sup> / 11.40mm	
		4.0mm <sup>2</sup> / 13.75mm	
<b>Approximate Weights</b>	2 Core with CPC	1.0mm <sup>2</sup>	8.0 Kg / 100 m
		1.5mm <sup>2</sup>	9.5 Kg / 100 m
		2.5mm <sup>2</sup>	14.1 Kg / 100 m
		4.0mm <sup>2</sup>	20.0 Kg / 100 m
	3 Core with CPC	1.0mm <sup>2</sup>	9.5 Kg / 100 m
		1.5mm <sup>2</sup>	12.9 Kg / 100 m
		2.5mm <sup>2</sup>	19.1 Kg / 100 m
		4.0mm <sup>2</sup>	25.0 Kg / 100 m
	4 Core with CPC	1.0mm <sup>2</sup>	10.9 Kg / 100 m
		1.5mm <sup>2</sup>	14.5 Kg / 100 m
		2.5mm <sup>2</sup>	22.2 Kg / 100 m
		4.0mm <sup>2</sup>	31.0 Kg / 100 m
<b>Current Rating (Current Ratings listed are at 30°C Refer to BS7671/EE Wiring Regulations for de-rating factor .)</b>	Cable Clipped (DC or Single Phase AC)	1.0mm <sup>2</sup>	15A
		1.5mm <sup>2</sup>	19.5A
		2.5mm <sup>2</sup>	27A
		4.0mm <sup>2</sup>	36A
	Enclosed (DC or Single Phase AC)	1.0mm <sup>2</sup>	13A
		1.5mm <sup>2</sup>	16.5A
		2.5mm <sup>2</sup>	23A
		4.0mm <sup>2</sup>	30A
<b>Capacitance Rating</b>	1.5mm <sup>2</sup> CSA		
	2 Core & CPC	Core to Core - Average 70 pF/m	
	3 Core & CPC	Core to Screen - Average 130 pF/m	
	4 Core & CPC	Core to Core - Average 75 pF/m Core to Screen - Average 150 pF/m	
	2.5mm <sup>2</sup> CS		
	2 Core & CPC	Core to Core - Average 80 pF/m	
	3Core & CPC	Core to Screen - Average 145 pF/m	
	4 Core & CPC	Core to Core - Average 85 pF/m Core to Screen - Average 165 pF/m	
<b>Warranty</b>	Period Identification	10 Years from Date of Manufacture Date of Manufacture Marked On Cable	