



**AVAILABLE EX STOCK**

# **'STANDARD'** *Fire Performance Cable*

Jayflame 'Standard' Fire Performance Cable has been independently tested and approved by LPCB and BASEC to meet with BS 5839-1:2013 Clause 26.2d, BS 7629 -1:2015 Standard 60, BS EN 50200:2015+Annex E 30 minutes, BS EN 50200:2015 PH30, PH60 & PH120 and BS 6387:2013 CWZ.

Manufactured in the UK using state of the art material, technology and equipment. Materials and manufacturing processes are recorded and tracked throughout manufacture to ensure consistent reliability and quality, each reel has a unique quality assurance batch and test number.

Simple and easy to prepare for termination with no troublesome multiple sheaths to strip, Jayflame cable has superb working flexibility - reduced installation time and costs.

Wide range of options available 1.5mm<sup>2</sup>, 2.5mm<sup>2</sup> and 4.0mm<sup>2</sup> and with CPC, all available in 2, 3 and 4 core versions with red, white or black outer sheath options.

Cable cores are designed to provide the highest level of data protection, ideal for long cable runs and analogue and addressable fire systems.

## **Supplied On Robust Plastic Reels**

Installer safe and easy handling

Weather and Moisture Resistant

Better cable reeling and damage resistance

**Complies with the  
revised Emergency Lighting Standard -  
BS 5266-1:2016**



LPCB Ref. No. 682a/01



Licence No: 152/001

## **Features**

- Easy to Install and Superb Working Flexibility
- Up to 12 Twists per metre for Data Protection
- Red, White & Black Outer Sheaths Available
- Solid Conductor Cores 1.5mm<sup>2</sup>, 2.5mm<sup>2</sup> & 4.0mm<sup>2</sup>
- 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

In addition to conventional fire alarm smoke detection and sounder circuits, Jayflame 'Standard' Cable is also suitable for use with emergency lighting, automatic lift doors, air conditioning and computer control where low smoke, fume and zero halogen cable is required.

- Approved and Certified to meet  
BS 5839-1:2013 Clause 26.2d  
BS 7629-1:2015 Standard 60  
BS EN 50200:2015 + Annex E 30 mins.  
BS EN 50200:2015 PH30, PH60 & PH120  
BS 6387:2013 CWZ  
BS EN 60754-1:2014  
BS EN 61034-2:2005  
BS EN 60332-3-24 & -3-25:2009

Also suitable for

Emergency Lighting Standard  
Voice Alarm Systems Standard  
Voice Communication Standard  
(Risk Assessment May Demand Mechanical Protection)

'Standard' Fire Cable  
Fire Resistance Standard  
Fire Resistance Standard  
Fire Resistance Standard  
Fire Resistance Standard  
Halogen Emission Standard  
Low Smoke Standard  
Bunched Flame Retardancy

BS 5266-1:2016  
BS 5839-8:2013  
BS 5839-9:2013



[www.jaylowcables.com](http://www.jaylowcables.com)

CE

**10**  
YEARS  
WARRANTY

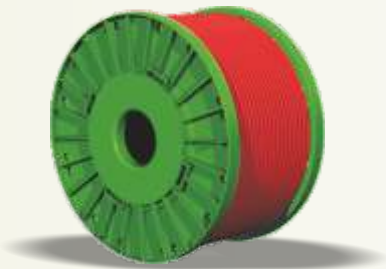


AVAILABLE EX STOCK  
**'STANDARD'**  
**Fire Performance Cable**

LPCB Ref. No. 682a/01

Licence No: 152/001

Every reel of Jayflame Fire Performance Cable - Individual cores are tested during manufacture and issued with a test pass number



- Has total traceability with an issue of a unique sequential batch number
- Both the test pass and batch number are recorded on every individual reel label
- The day, month and year of manufacture is printed on the cable
- Manufactured with installers in mind, simple to strip, safe to dress and handle

Jayflame Fire Performance cable has a special co-polymer backed aluminium foil which is adhered to the outer sheath - Providing reduced signal interference and cable protection.

Jayflame Fire Performance Cable is available in a variety of different outer sheath colours, Red, White & Black and multiple core combinations, with CPC (circuit protection conductor). 100m, 200m & 500m lengths available. (POA), Other special longer lengths by arrangement.

#### 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 5839-1:2013 Clause 26.2d BS EN 50200:2015 + Annex E 30 mins. BS EN 50200:2015 PH30, PH60 & PH120 BS 7629-1:2015 BS 6387:2013 CWZ BS EN 60754-1:2014 BS EN 61034-2:2005	Approximate Weights	2 Core with CPC	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
Designed to comply to	Emergency Lighting Voice Alarm Systems Standard Voice Communication Standard (Risk Assessment May Demand Mechanical Protection)	BS 5266-1:2011 BS 5839-8:2008 BS 5839-9:2003		3 Core with CPC	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
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		4 Core with CPC	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
Working Voltage	Core to Core Core to CPC	500V 300V	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)	1.5mm <sup>2</sup> 19.5A 2.5mm <sup>2</sup> 27A 4.0mm <sup>2</sup> 36A
Types	Outer Sheath Colours Number of Cores Inner Cores CSA	Red, White or Black 2, 3 & 4 Core 1.5, 2.5 & 4.0mm <sup>2</sup> CSA		Enclosed (DC or Single Phase AC)	1.5mm <sup>2</sup> 16.5A 2.5mm <sup>2</sup> 23A 4.0mm <sup>2</sup> 30A
Resistance	1.5mm <sup>2</sup> CSA 2.5mm <sup>2</sup> CSA 4.0mm <sup>2</sup> CSA	12.1 Ohms / 1 Km 7.41 Ohms / 1 Km 4.61 Ohms / 1 Km	Capacitance Rating	1.5mm <sup>2</sup> CSA 2 Core & CPC } 3 Core & CPC } 4 Core & CPC ~  2.5mm <sup>2</sup> 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 Core - 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
Minimum Bend Radius	Radius = 6 x Diameter		Warranty	Period Identification	10 Years from Date of Manufacture Date of Manufacture Marked On Cable
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)	1.5mm CSA 2.5mm CSA 4.0mm CSA	29 Ohms mV / A / m 18 Ohms mV / A / m 11 Ohms mV / A / m			
Approximate Overall Diameter	2 Core  3 Core  4 Core	1.5mm <sup>2</sup> / 7.60mm 2.5mm <sup>2</sup> / 9.00mm 4.0mm <sup>2</sup> / 10.90mm  1.5mm <sup>2</sup> / 8.75mm 2.5mm <sup>2</sup> / 9.50mm 4.0mm <sup>2</sup> / 12.50mm  1.5mm <sup>2</sup> / 9.00mm 2.5mm <sup>2</sup> / 11.40mm 4.0mm <sup>2</sup> / 13.75mm			



Jaylow House  
Leyton Link Estate  
Argall Avenue, Leyton  
London, E10 7FD

Tel: 0208 558 1921  
Fax: 0208 988 5108  
e-mail: sales@jaylowcables.com  
web: www.jaylowcables.com

E&OE



Va44 Version:D4.6 Issued: 01/02/2017

