



AVAILABLE EX STOCK

'ENHANCED' Fire Performance Cable

Jayflame 'Enhanced' Fire Performance Cable is fully approved and certified by LPCB & BASEC to meet the requirements of 'Enhanced' fire cables for use with UK fire systems. See details of all standards below.

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 'Enhanced' Fire Performance cable has superb working flexibility - reduced installation time and costs.

Available in 1.5mm² and 2.5mm² Solid Conductor Core and with CPC, all available in 2, 3 and 4 core versions with red or white 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.



LPCB Ref. No. 682d/01



Licence No: 152/001

SAVE TIME AND MONEY !

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

Also suitable for

Emergency Lighting	BS 5266-1:2016
Voice Alarm Systems	BS 5839-8:2013
Voice Communication	BS 5839-9:2013
(Risk Assessment May Demand Mechanical Protection)	
Irish System Emergency Lighting	IS 3217:2013
Irish System Fire System	IS 3218:2013

Features

- Easy to Install and Superb Working Flexibility
- Up to 12 Twists per metre for Data Protection
- Red & White Outer Sheaths Available
- 1.5mm² & 2.5mm² Conductors
- 100m, 200m, 500m and Special Lengths Available
- Copper / 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

Approved and Certified to meet

BS 5839-1:2013 Clause 26.2e	'Enhanced' Fire System Cable
BS 8519:2010 Category 2	Fire Cable Code of Practice
BS 7629-1:2015 Enhanced 120	Fire Cable Standard
BS 8434-2:2003+A2:2009 120 mins	
• Fire, Mechanical Shock & Water - 120 mins @ 930°C (Water final 60 mins)	
BS EN 50200:2015 PH30, PH60 & PH120	
• Fire & Mechanical Shock - total of 120 mins @ 830°C (MS every 5 mins)	
BS 6387:2013 CWZ	
• 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)	
BS EN 60332-3-24 & -3-25:2009	Bunched Flame Retardancy
BS EN 60754-1:2014	Halogen Emission Standard
BS EN 61034-2:2005	Low Smoke Standard



10
YEARS
WARRANTY



www.jaylowcables.com



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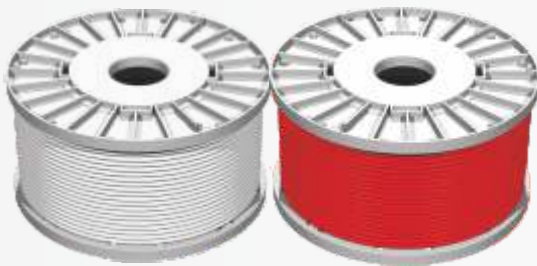
AVAILABLE EX STOCK

'ENHANCED'
Fire Performance Cable

The Fastest Fire Cable to Install

Jayflame 'Enhanced' 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.



Available with
Red & White Sheaths Ex Stock.

Available in 2 Core and 4 Core.
(3 Cores by Special Order) all with CPC

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.

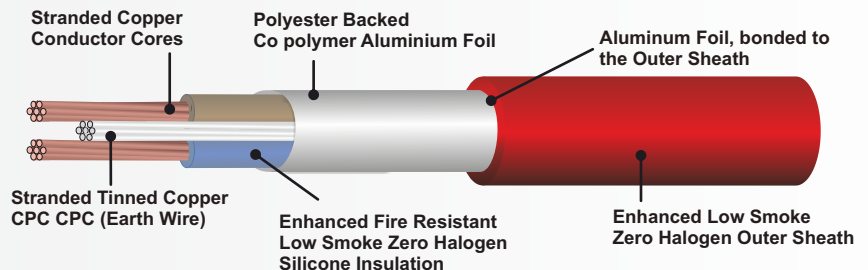
The cable should not be flexed or bent when either the cable or operating temperature is below the recommended minimum or above the maximum recommended **installation** temperatures.

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	'Enhanced' Fire Cable Fire Resistance Standard Fire Resistance Standard Fire Resistance Standard Fire Resistance Standard Fire Resistance Standard Halogen Emission Standard Low Smoke Standard Bunched Flame Retardancy	BS 5839-1:2013 Clause 26.2e BS 8519:2010 Category 2 BS 8434-2:2003+A2:2009 120 mins BS EN 50200:2015 PH30, PH60 & PH120 BS 7629-1:2015 Enhanced 120 BS 6387:2013 CWZ BS EN 60754-1:2014 BS EN 61034-2:2005 BS EN 60332-3-24 & -3-25:2009
Designed to comply to	Emergency Lighting Voice Alarm Systems Voice Communication	BS 5266-1:2016 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 1.5 & 2.5mm ² CSA
Resistance	1.5mm ² CSA 2.5mm ² CSA	12.1 Ohms / 1Km 7.41 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)	1.5mm ² CSA 2.5mm ² CSA	29 Ohms mV / A / m 18 Ohms mV / A / m
Approximate Overall Diameter	2 Core	1.5mm ² / 8.20mm 2.5mm ² / 8.80mm
	3 Core	1.5mm ² / 9.90mm 2.5mm ² / 10.80mm
	4 Core	1.5mm ² / 11.10mm 2.5mm ² / 12.60mm
Approximate Weights	2 Core with CPC	1.5mm ² 9.7 Kg / 100 m 2.5mm ² 14.4 Kg / 100 m
	3 Core with CPC	1.5mm ² 13.2 Kg / 100 m 2.5mm ² 19.4 Kg / 100 m
	4 Core with CPC	1.5mm ² 14.8 Kg / 100 m 2.5mm ² 22.7 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)	1.5mm ² 19.5A 2.5mm ² 27A
	Enclosed (DC or Single Phase AC)	1.5mm ² 16.5A 2.5mm ² 23A
Capacitance Rating	1.5mm CSA 2 Core & CPC } 3 Core & CPC }	Core to Core - Average 70 pF/m Core to Screen - Average 125 pF/m
	4 Core & CPC ~ 2.5mm CSA 2 Core & CPC } 3 Core & CPC } 4 Core & CPC }	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



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