

Loss Prevention Certification Board

LPCB

This is to certify

**JAYLOW SUPPLIES LTD**

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

is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix.

**Jayflame**

(refer to attached appendix for details)

has complied with the requirements of the following:

**BS 7629-1: 2008 - Electric cables - 300/500 V fire resistant screened cables having low emission of smoke and corrosive gases when affected by fire - Multicore and multipair cables.**

**Standard fire resistant cables as described in Clause 26.2 of BS 5839-1: 2002+A2:2008 - Fire detection and alarm systems for buildings. Code of practice for system design, installation, commissioning and maintenance.**

and achieved:

**Class PH120 when tested in accordance with BS EN 50200: 2006 - Method of test for resistance to fire of unprotected small cables for use in emergency circuits.**

Certificate No. 682a-(cl-1)

Issue No. 04

Date of Issue 23 March 2012

This certificate is valid until withdrawn by LPCB.  
To check the validity and the authenticity of this certificate please visit our website [www.RedBookLive.com](http://www.RedBookLive.com) or contact us.

Signed on behalf of LPCB



Name: D HOARE



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APPENDIX TO CERTIFICATE NO. 682a-(cl-1)

**JAYLOW SUPPLIES LTD**

## Products

**LPCB Ref. No.**

**Jayflame**

**682a/01**

Nominal csa of conductor (mm <sup>2</sup> )	Core construction (excluding drain wire & earth)	BS 7629-1	BS EN 50200	BS EN 50200 Annex E	BS 5839-1 Clause 26.2
1.0 <sup>(1)</sup>	2, 3 & 4	Complies <sup>(3)</sup>	Class PH120	30min <sup>(4)</sup>	Standard <sup>(5)</sup>
1.5 <sup>(1)</sup>	2, 3 & 4	Complies <sup>(3)</sup>	Class PH120	30min <sup>(4)</sup>	Standard <sup>(5)</sup>
2.5 <sup>(1)</sup>	2, 3 & 4	Complies <sup>(3)</sup>	Class PH120	30min <sup>(4)</sup>	Standard <sup>(5)</sup>
4.0 <sup>(2)</sup>	2, 3 & 4	Complies <sup>(3)</sup>	Class PH120	30min <sup>(4)</sup>	Standard <sup>(5)</sup>

Uo/U 300/500V

Note 1: Solid conductor only.

Note 2: Stranded conductor only.

Note 3: In meeting the requirements of BS 7629-1: 2008, the Jayflame cables listed met the requirements of smoke density of BS EN 61034-2: 2005, fire resistance requirements CWZ in Clause 11 of BS 6387: 1994 and achieved less than 0.5%HCl on the insulation, binder tape and outer covering when tested in accordance with BS EN 50267-2-1: 1999.

Note 4: The duration of 30min when tested in accordance with BS EN 50200: 2006 Annex E is achieved by 15min for the fire and impact phase and an additional 15min for the fire, impact and water phase.

Note 5: The Jayflame cables listed conform to BS 7629-1: 2008, met Class PH120 when tested in accordance with BS EN 50200: 2006 and met the 30min duration when tested in accordance with BS EN 50200: 2006 Annex E and hence met the requirements for a standard fire resistant cable as described in Clause 26.2 of BS 5839-1: 2002+A2:2008.

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