

Certificate of Product Approval

Certificate Number: 1302c

Issue: 02

IDH CABLES LIMITED

Millbanks
New Ross
County Wexford
IRELAND



is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirements of the standard(s) detailed below:

Product(s)

Cable Types as listed below:
Kilflam Enhanced 3000
See Certificate Appendix for details

Standard(s) (see Appendix for details)

BS 7629-1:2015 (ENHANCED 120)
BS 6387:2013 (Category CWZ)
EN 50200:2015 (Class PH120)
EN 50200:2015 Annex E (30 mins)
BS 8434-2:2003+A2:2009 (120 mins)
BS 5839-1:2013 (Clause 26.2e Enhanced)

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Damien Ward

Signed for LPCB

Damien Ward
Certification Scheme Manager

30 August 2016
Date of Issue

06 November 2015
Date of First issue



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Appendix to Certificate No: 1302c IDH CABLES LIMITED

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Product name							LPCB Ref. No.
Kilflam Enhanced 3000							1302c/01
Nominal csa of conductor (mm ²)	Core Construction	BS 7629-1	BS 6387	EN 50200	EN 50200 Annex E	BS 8434-2	BS 5839-1 Clause 26.2e
1.5 ⁽¹⁾	2, 3 & 4	ENHANCED 120 ⁽²⁾	C,W,Z	PH120	30min ⁽³⁾	120 min ⁽⁴⁾	Enhanced ⁽⁵⁾
2.5 ⁽²⁾	2, 3 & 4	ENHANCED 120 ⁽²⁾	C,W,Z	PH120	30min ⁽³⁾	120 min ⁽⁴⁾	Enhanced ⁽⁵⁾
4.0 ⁽²⁾	2	ENHANCED 120 ⁽²⁾	C,W,Z	PH120	30min ⁽³⁾	120 min ⁽⁴⁾	Enhanced ⁽⁵⁾

Uo/U 300/500V

Notes:

1. Solid conductor only.
2. Stranded conductor only.
3. In meeting the requirements of BS 7629-1:2015, the Kilflam Enhanced 3000 cables listed met the requirements for smoke density of EN 61034-2: 2005, achieved less than 0.5%HCl for the outer covering, binder tape & insulation when tested in accordance with EN 60754-1:2014 and in addition also met the fire resistance requirements in BS 6387:2013 Categories CWZ.
4. The duration of 30 min when tested in accordance with EN 50200:2015 Annex E is achieved by 15 min for the fire and mechanical shock phase and an additional 15 min for the fire, mechanical shock and water phase.
5. The duration of 120min when tested in accordance with BS 8434-2:2003+A2:2009 is achieved by 60min for the fire and mechanical shock phase and an additional 60min for the fire, mechanical shock and water phase.
6. The Kilflam Enhanced 3000 cables listed conform to BS 7629-1:2015, met Class PH120 when tested in accordance with EN 50200:2015 and met the 120min duration when tested in accordance with BS 8434-2:2003+A2:2009 and hence met the requirements for an enhanced fire resistant cable as described in Clause 26.2e of BS 5839-1: 2013.

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