

Certificate of Product Approval

Certificate Number: 221e

Issue: 10

AEI CABLES LIMITED

Unit 32, Crowther Road
Crowther Industrial Estate
Washington
Tyne & Wear
NE38 0AQ
United Kingdom

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:
Firetec Standard Multicore LSZH

Standard(s) (see Appendix for details)

BS 7629-1:2015 (Standard 60)
BS 6387:2013 (Category CWZ)
EN 50200:2015 (Class PH120)
BS 5839-1:2013 (Clause 26.2d Standard)

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

Signed for BRE Global Ltd.

Karen Coull
Certification Scheme Manager

8 July 2019
Date of Issue

9 January 1995
Date of First issue



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T: +44 (0)333 321 8811 E: enquiries@breglobal.com

LPCB® is a registered trademark of the Building Research Establishment Ltd.



Appendix to Certificate No: 221e AEI CABLES LIMITED

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Product name						LPCB Ref. No.
Firetec Standard Multicore LSZH						221e/01
Nominal csa of conductor (mm ²)	Core Construction (excluding drain wire and earth)	BS 7629-1	BS 6387	EN 50200	EN 50200 Annex E	BS 5839-1 (Clause 26.2)
1.5 ^(1 & 2)	2, 3 & 4	STANDARD 60 ⁽³⁾	C, W, Z	Class PH120	30min ⁽⁴⁾	Standard ⁽⁵⁾
2.5 ^(1 & 2)	2, 3 & 4	STANDARD 60 ⁽³⁾	C, W, Z	Class PH120	30min ⁽⁴⁾	Standard ⁽⁵⁾
4.0 ⁽²⁾	2, 3 & 4	STANDARD 60 ⁽³⁾	C, W, Z	Class PH120	30min ⁽⁴⁾	Standard ⁽⁵⁾

Uo/U 300/500/V

Notes:

- Solid conductor only.
- Stranded construction only.
- In meeting the requirements of BS 7629-1:2015 Standard 60, the Firetec Standard Multicore LSZH cables listed met the requirements for smoke density of EN 61034-2:2005+A1:2013, achieved less than 0.5%HCl for the insulation and outer covering when tested in accordance with EN 60754-1:2014 and in addition also met the fire resistance requirements of BS 6387:2013 Categories CWZ.
- The duration of 30 mins when tested in accordance with EN 50200:2015 Annex E is achieved by 15 mins for the fire and mechanical shock phase and an additional 15 mins for the fire, mechanical shock and water phase.
- The Firetec Standard Multicore LSZH cables listed conform to BS 7629-1:2015, met Class PH120 when tested in accordance with EN 50200:2015 and met the 30 mins duration when tested in accordance with EN 50200:2015 Annex E and hence met the requirements for a standard fire resistant cable as described in Clause 26.2d of BS 5839-1:2013.
- Approved Manufacturers

The following company manufacture the listed cable on this certificate.

This company is audited by the LPCB to ensure the product certification requirements are met.

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Dubai Cable Company (Private) Limited, Trading as Ducab (LPCB No.949d)
Ducab-M2, Plot No. - J6 14-15-16
Sector - M41, Industrial City of Abu Dhabi-1
Mussafah
Abu Dhabi
United Arab Emirates

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