

Certificate of Product Approval

Certificate Number: 1069c

Issue: 04

BAHRA CABLES COMPANY

CPC Industrial Park
Bahra
Jeddah 21432
Kingdom of Saudi Arabia



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:
FSB 6000
See Certificate Appendix for details

Standard(s) (see Appendix for details)

BS 7846:2015 Cat F120
BS 8519:2010 Category 3

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 Manager

09 February 2017
Date of Issue

21 October 2014
Date of First issue



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Appendix to Certificate No: 1069c BAHRA CABLES COMPANY

Issue: 04

Product name		LPCB Ref. No.	
FSB 6000		1069c/01	
Nominal csa of conductor (mm ²)	Core Construction (excluding drain wire and earth)	BS 7846	BS 8519
4.0	2	See Note 3	Category 3 ⁽³⁾
4.0	3 & 4	F120 ⁽²⁾	Category 3
6.0	2, 3 & 4	F120 ⁽²⁾	Category 3
10	2, 3 & 4	F120 ⁽²⁾	Category 3
16	2, 3 & 4	F120 ⁽²⁾	Category 3
25	2, 3 & 4	F120 ⁽²⁾	Category 3
35	2, 3 & 4	F120 ⁽²⁾	Category 3
50	2, 3 & 4	F120 ⁽²⁾	Category 3
70	2, 3 & 4	F120 ⁽²⁾	Category 3
95	2, 3 & 4	F120 ⁽²⁾	Category 3
120	2, 3 & 4	F120 ⁽²⁾	Category 3
150	2, 3 & 4	F120 ⁽²⁾	Category 3
185	2, 3 & 4	F120 ⁽²⁾	Category 3

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Appendix to Certificate No: 1069c BAHRA CABLES COMPANY

Issue: 04

Product name		LPCB Ref. No.	
FSB 6000		1069c/01	
Nominal csa of conductor (mm ²)	Core Construction (excluding drain wire and earth)	BS 7846	BS 8519
240	2, 3 & 4	F120 ⁽²⁾	Category 3
300	2, 3 & 4	F120 ⁽²⁾	Category 3
400	2, 3 & 4	F120 ⁽²⁾	Category 3

Uo/U 600/1000V

Notes:

1. Stranded conductors only.
2. In meeting the requirements to BS 7846:2015 Category F120, the FSB 6000 cables listed met the requirements of smoke density of EN 61034-2:2005, the fire resistance requirements BS 6387:2013 Categories CWZ plus BS 8491:2008 for 120 minutes and achieved less than 0.5%HCl for the insulation, tapes, filler, bedding and outer covering when tested in accordance with EN 60754-1:2014.
3. FSB 6000 2x4mm² cables have an overall diameter of less than 20mm as required for cables to be evaluated to BS 7846:2015. However, when referring to BS 8519 2010, clause 11, note 2, Power cables of overall diameter less than 20mm may be used if they can demonstrated to give the same level of fire resistance as in BS 8491.

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