

## Certificate of Product Approval

Certificate Number: 077g

Issue: 08

### PRYSMIAN CABLE & SYSTEMS LIMITED

Chickenhall Lane  
Bishopstoke  
Eastleigh  
Hants  
SO50 6YU  
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:  
FP Plus  
See Certificate Appendix for details

#### Standard(s) (see Appendix for details)

BS 7629-1:2015 (ENHANCED 120)  
BS 6387:2013 (CWZ)  
EN 50200:2015 (Class PH120)  
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.

Signed for LPCB

Karen Coull  
Certification Scheme Manager

01 September 2017  
Date of Issue

13 October 2003  
Date of First issue



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## Appendix to Certificate No: 077g PRYSMIAN CABLE & SYSTEMS LIMITED

Issue: 08

Product name						LPCB Ref. No.
FP Plus						077g/02
Nominal csa of conductor (mm <sup>2</sup> )	Core Construction (excluding drain wire and earth)	BS 7629-1	BS 6387	EN 50200	BS 8434-2	BS 5839-1 Clause 26.2
1.5	2 <sup>(1)</sup>	ENHANCED 120	C,W,Z	PH120	120min <sup>(3)</sup>	Enhanced <sup>(4)</sup>
2.5	2 <sup>(1)</sup>	ENHANCED 120	C,W,Z	PH120	120min <sup>(3)</sup>	Enhanced <sup>(4)</sup>

### Uo/U 300/500V

#### Notes:

1. Solid conductor only.
2. In meeting the requirements of BS 7629-1:2015, the FP Plus cables listed met the requirements for smoke density of EN 61034-2:2005+A1:2013, and achieved less than 0.5% HCl for the insulation, binder tape 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.
3. 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.
4. The FP Plus cables listed conform to BS 7629-1:2015, met Class PH120 when tested in accordance with EN 50200:2015 and met a duration of 120min 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 26.2 of BS 5839-1:2013.

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Signed for LPCB

Karen Coull  
Certification Scheme Manager

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Issue: 08

Product name						LPCB Ref. No.
FP Plus						077g/03
Nominal csa of conductor (mm <sup>2</sup> )	Core Construction (excluding drain wire and earth)	BS 7629-1	BS 6387	EN 50200	BS 8434-2	BS 5839-1 Clause 26.2
1.5	2, 3 & 4 <sup>(1)</sup>	ENHANCED 120	C,W,Z	PH120	120min <sup>(3)</sup>	Enhanced <sup>(4)</sup>
2.5	2, 3 & 4 <sup>(1)</sup>	ENHANCED 120	C,W,Z	PH120	120min <sup>(3)</sup>	Enhanced <sup>(4)</sup>

### Uo/U 300/500V

#### Notes:

1. Solid conductor only.
2. In meeting the requirements of BS 7629-1:2015, the FP Plus Flex cables listed met the requirements for smoke density of EN 61034-2:2005+A1:2013, and achieved less than 0.5% HCl for the insulation, binder tape 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.
3. 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.
4. The FP Plus cables listed conform to BS 7629-1:2015, met Class PH120 when tested in accordance with EN 50200:2015 and met a duration of 120min 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 26.2 of BS 5839-1:2013.

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Signed for LPCB

Karen Coull  
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