

## Certificate of Product Approval

Certificate Number: 077c

Issue: 10

### 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:  
FP100 fire resistant core cable for installation in conduit  
See Certificate Appendix for details

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

BS 6387:2013 (Category CWZ)  
EN 50267-2-1:1999  
IEC 60331-21:1999

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

David Hoare  
Certification Scheme Manager

04 November 2014  
Date of Issue

14 June 1996  
Date of First issue



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

Issue: 10

Product name				LPCB Ref. No.
FP100 fire resistant single core cable for installation in conduit				077c/01
Nominal csa of conductor (mm <sup>2</sup> )	Core Construction	BS 6387	EN 50267-2-1 (outer covering)	IEC 60331-21
1.0	One <sup>(1)</sup>	CWZ <sup>(2-4)</sup>	<0.5% HCl	-
1.5	One <sup>(1)</sup>	CWZ <sup>(2-4)</sup>	<0.5% HCl	-
2.5	One <sup>(1)</sup>	CWZ <sup>(2-4)</sup>	<0.5% HCl	-
4.0	One <sup>(1)</sup>	CWZ <sup>(2-4)</sup>	<0.5% HCl	-
6.0	One <sup>(1)</sup>	CWZ <sup>(2-4)</sup>	<0.5% HCl	-
10	One <sup>(1)</sup>	CWZ <sup>(2-4)</sup>	<0.5% HCl	-

**U<sub>o</sub>/U 450/750 V**

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FP100 fire resistant single core cable for installation in conduit				077c/01
Nominal csa of conductor (mm <sup>2</sup> )	Core Construction	BS 6387	EN 50267-2-1 (outer covering)	IEC 60331-21
16	One <sup>(1)</sup>	CWZ <sup>(2-4)</sup>	-	Complies <sup>(6)</sup>
25	One <sup>(1)</sup>	CWZ <sup>(2-4)</sup>	-	Complies <sup>(6)</sup>
35	One <sup>(1)</sup>	CWZ <sup>(2-4)</sup>	-	Complies <sup>(6)</sup>
50	One <sup>(1)</sup>	CWZ <sup>(2-4)</sup>	-	Complies <sup>(6)</sup>
70	One <sup>(1)</sup>	CWZ <sup>(2-4)</sup>	-	Complies <sup>(6)</sup>
95	One <sup>(1)</sup>	CWZ <sup>(2-4)</sup>	-	Complies <sup>(6)</sup>
120	One <sup>(1)</sup>	C <sup>(2 &amp; 5)</sup>	-	Complies <sup>(6)</sup>
150	One <sup>(1)</sup>	C <sup>(2 &amp; 5)</sup>	-	Complies <sup>(6)</sup>
185	One <sup>(1)</sup>	-	-	Complies <sup>(6)</sup>
240	One <sup>(1)</sup>	-	-	Complies <sup>(6)</sup>
300	One <sup>(1)</sup>	-	-	Complies <sup>(6)</sup>
400	One <sup>(1)</sup>	-	-	Complies <sup>(6)</sup>
500	One <sup>(1)</sup>	-	-	Complies <sup>(6)</sup>

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Product name				LPCB Ref. No.
FP100 fire resistant single core cable for installation in conduit				077c/01
Nominal csa of conductor (mm <sup>2</sup> )	Core Construction	BS 6387	EN 50267-2-1 (outer covering)	IEC 60331-21
630	One <sup>(1)</sup>	-	-	Complies <sup>(6)</sup>

**Uo/U 450/750 V**

**Uo/U 600/1000 V**

### Notes:

1. Stranded conductor only.
2. Where a single cable is fitted in a conduit, only phase to earth voltage was applied.
3. To satisfy the requirement of BS 6387, testing for C, W & Z categories was conducted using a 20mm stainless steel conduit as the other metallic element.
4. To satisfy the requirement of BS 6387, testing for W & Z categories was conducted using a 20mm stainless steel conduit as the other metallic element.
5. To satisfy the requirement of BS 6387, testing for C category was conducted using a 38mm stainless steel conduit as the other metallic element.
6. The FP100 cables met the requirements of IEC 60331-21: 1999 when tested at a temperature of 950°C for a duration of 90mins + 15mins cool down, at a voltage rating of 600V.

**Cross-Listed products and alternative branding are detailed on page 5.**

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

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LPCB Ref No.	Model No.	Alternative Model No.	Labelled	Distributors Cert/Ref No.
077c/01	FP100 16mm <sup>2</sup> - 630mm <sup>2</sup>	FT SIFER 950i 16mm <sup>2</sup> - 630mm <sup>2</sup>	Draka UK Ltd	1134c/01

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