

Loss Prevention Certification Board

LPCB

This is to certify

OLYMPIC CABLE COMPANY SDN. BHD.

Lot PT 2126-2131, Jalan PK1, Taman Perindustrian Krubong, 75250 Melaka, Malaysia

is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix.

OCC-F6C01

(refer to attached appendix for details)

has complied with the requirements of the following:

BS 6387: 1994 - Performance requirements for cables required to maintain circuit integrity under fire conditions.

IEC 60332-3-22: 2009 – Test for vertical flame spread of vertically-mounted bunched wires or cables - Category A.

IEC 60332-3-24: 2009 – Test for vertical flame spread of vertically-mounted bunched wires or cables - Category C.

IEC 60331-21: 1999 - Fire resisting characteristics of electric cables.

and achieved:

<0.5%HCl when tested in accordance with BS EN 50267-2-1: 1999 – Method of test for Gases evolved during combustion of electric cables.

>60% light transmittance when tested in accordance with BS EN 61034-2: 2005 – Measurement of smoke density of cables burning under defined conditions.

Certificate No. 1122a

Issue No. 01

Date of Issue 14 May 2012

This certificate is valid until withdrawn by LPCB.
To check the validity and the authenticity of this certificate please visit our website www.RedBookLive.com or contact us.

Signed on behalf of LPCB



Name: D HOARE



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APPENDIX TO CERTIFICATE NO. 1122a

OLYMPIC CABLE COMPANY SDN. BHD.

Products

LPCB Ref. No.

OCC-F6C01

1122a/01

Nominal csa of conductor (mm ²)	Core construction	BS 6387 (See notes 2-4)	BS EN 50267-2-1	BS EN 61034-2	IEC 60332-3-22	IEC 60332-3-24	IEC 60331-21 (See note 9)
1.5 ⁽¹⁾	One	C,W,Z ⁽⁵⁾	<0.5% HCl	>60%	Complies	-	Complies
2.5 ⁽¹⁾	One	C,W,Z ^(6,7)	<0.5% HCl	>60%	Complies	-	Complies
4.0 ⁽¹⁾	One	C,W,Z ^(6,7)	<0.5% HCl	>60%	Complies	-	Complies
6.0 ⁽¹⁾	One	C,W,Z ^(6,7)	<0.5% HCl	>60%	Complies	-	Complies
10 ⁽¹⁾	One	C,W,Z ^(6,7)	<0.5% HCl	>60%	Complies	-	Complies
16 ⁽¹⁾	One	C,W,Z ^(6,7)	<0.5% HCl	>60%	Complies	-	Complies
25 ⁽¹⁾	One	C,W,Z ^(6,7)	<0.5% HCl	>60%	Complies	-	Complies
35 ⁽¹⁾	One	C,W,Z ^(6,7)	<0.5% HCl	>60%	Complies	Complies	Complies
50 ⁽¹⁾	One	C,W,Z ^(6,7)	<0.5% HCl	>60%	-	Complies	Complies
70 ⁽¹⁾	One	C ⁽⁷⁾	<0.5% HCl	>60%	-	Complies	Complies
95 ⁽¹⁾	One	C ⁽⁷⁾	<0.5% HCl	>60%	-	Complies	Complies
120 ⁽¹⁾	One	C ⁽⁷⁾	<0.5% HCl	>60%	-	Complies	Complies
150 ⁽¹⁾	One	C ⁽⁷⁾	<0.5% HCl	>60%	-	Complies	Complies
185 ⁽¹⁾	One	C ⁽⁷⁾	<0.5% HCl	>60%	-	Complies	Complies
240 ⁽¹⁾	One	C ⁽⁷⁾	<0.5% HCl	>60%	-	Complies	Complies
300 ⁽¹⁾	One	C ⁽⁷⁾	<0.5% HCl	>60%	-	Complies	Complies
400 ⁽¹⁾	One	Complies ⁽⁸⁾	<0.5% HCl	>60%	-	Complies	Complies
500 ⁽¹⁾	One	Complies ⁽⁸⁾	<0.5% HCl	>60%	-	Complies	Complies
630 ⁽¹⁾	One	Complies ⁽⁸⁾	<0.5% HCl	>60%	-	Complies	Complies

Uo/U 600/1000V

Continued

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LPCB Ref. No.

1122a/01

- Note 1: Stranded conductor only.
- Note 2: Clauses 8 (Bending) and 9.1 & 9.2 (Impact) cannot be conducted due to the cable having only one core.
- Note 3: These cables also met category C,W,Z when tested for voltage rating 600/1000V which is not recognised by BS 6387.
- Note 4: Where a single cable is fitted in a conduit, only phase to earth voltage was applied.
- Note 5: To satisfy the requirement of BS 6387, testing for C, W & Z categories were conducted using a 20mm stainless steel conduit as the other metallic element.
- Note 6: To satisfy the requirement of BS 6387, testing for W & Z categories were conducted using a 20mm stainless steel conduit as the other metallic element.
- Note 7: To satisfy the requirement of BS 6387, testing for C category was conducted using a 38mm stainless steel conduit as the other metallic element.
- Note 8: Only Clause 10 of BS 6387 was conducted.
- Note 9: These cables met the requirements of IEC 60331-21: 1999 when tested at a temperature of 750°C and at a voltage rating of 600V.

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