

Certificate of Product Approval

Certificate Number: 1676e

Issue: 01

Giza Cable Industries

Fourth Industrial Zone
Plot 48
6th of October City
Giza Governorate
Egypt



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:
Cu/Mica/XLPE/SWA/LSHF Multicore Cable

Standard(s) (see Appendix for details)

BS 6387:2013 (Category CWZ)
BS 8491:2008 (120 minutes)
EN 60754-1:2014
EN 60754-2:2014
EN 61034-2:2005+A2:2020
EN 60332-1-2:2004+A11:2016
EN 60332-3-24:2009

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

Obada Al-een

Signed for BRE Global Ltd.

Obada Piracha
Certification Manager

15 March 2023
Date of Issue

15 March 2023
Date of First issue



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Appendix to Certificate No: 1676e Giza Cable Industries

Issue: 01

Product name							LPCB Ref. No.
Cu/Mica/XLPE/SWA/LSHF Multicore Cable							1676e/01
Nominal csa of conductor (mm ²) See note 1	Core Construction	BS 6387 See Note 2	BS 8491	EN 60754-1	EN 60754-2 Note 3	EN 61034-2	EN 60332-3-24
1.5	2, 3 & 4	CWZ	-	<0.5% HCl	Complies	>60%	Complies
2.5	2, 3 & 4	CWZ	-	<0.5% HCl	Complies	>60%	Complies
4.0	2, 3 & 4	CWZ	-	<0.5% HCl	Complies	>60%	Complies
6.0	2, 3 & 4	CWZ	-	<0.5% HCl	Complies	>60%	Complies
10	2, 3 & 4	CWZ	120 minutes	<0.5% HCl	Complies	>60%	Complies
16	2, 3 & 4	CWZ	120 minutes	<0.5% HCl	Complies	>60%	Complies
25	2, 3 & 4	CWZ	120 minutes	<0.5% HCl	Complies	>60%	Complies
35	2, 3 & 4	CWZ	120 minutes	<0.5% HCl	Complies	>60%	Complies
50	2, 3 & 4	CWZ	120 minutes	<0.5% HCl	Complies	>60%	Complies
70	2, 3 & 4	CWZ	120 minutes	<0.5% HCl	Complies	>60%	Complies
95	2, 3 & 4	CWZ	120 minutes	<0.5% HCl	Complies	>60%	Complies

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Nominal csa of conductor (mm ²) See note 1	Core Construction	BS 6387 See Note 2	BS 8491	EN 60754-1	EN 60754-2 Note 3	EN 61034-2	EN 60332-3-24
120	2, 3 & 4	CWZ	120 minutes	<0.5% HCl	Complies	>60%	Complies
150	2, 3 & 4	CWZ	120 minutes	<0.5% HCl	Complies	>60%	Complies
185	2, 3 & 4	CWZ	120 minutes	<0.5% HCl	Complies	>60%	Complies
240	2, 3 & 4	CWZ	120 minutes	<0.5% HCl	Complies	>60%	Complies
300	2, 3 & 4	CWZ	120 minutes	<0.5% HCl	Complies	>60%	Complies

Uo/U 600/1000V

Notes:

1. Stranded conductors only.
2. The cables with an overall diameter of greater than 20mm were tested according to Annex I of BS 7846.
3. The cables tested according to the general method given in EN 60754-2.
4. The cables additionally approved to EN 60332-1-2:2004+A11:2016.

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