

Certificate of Product Approval

Certificate Number: 1676c

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/AWA/LSHF cables

Standard(s) (see Appendix for details)

IEC 60331-21:1999
EN 60754-1:2014
EN 60754-2:2014
EN 61034-2:2005+A2:2020
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-ea

Signed for BRE Global Ltd.

Obada Piracha
Certification Manager

31 January 2022
Date of Issue

31 January 2022
Date of First Issue



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LPCB® is a registered trademark of the Building Research Establishment Ltd.



Appendix to Certificate No: 1676c Giza Cable Industries

Issue: 01

| Product name | | | | | | LPCB Ref. No. |
|---|-------------------|----------------------------|------------|------------|------------|---------------|
| Cu/Mica/XLPE/AWA/LSHF | | | | | | 1676c/01 |
| Nominal csa of conductor (mm ²) See note 1 | Core Construction | IEC 60331-21 See note 2 | EN 60754-1 | EN 60754-2 | EN 61034-2 | EN 60332-3-24 |
| 16 | One | (120 + 15) minutes | <0.5% HCl | Complies | >60% | Complies |
| 25 | One | (120 + 15) minutes | <0.5% HCl | Complies | >60% | Complies |
| 35 | One | (120 + 15) minutes | <0.5% HCl | Complies | >60% | Complies |
| 50 | One | (120 + 15) minutes | <0.5% HCl | Complies | >60% | Complies |
| 70 | One | (120 + 15) minutes | <0.5% HCl | Complies | >60% | Complies |
| 95 | One | (120 + 15) minutes | <0.5% HCl | Complies | >60% | Complies |
| 120 | One | (120 + 15) minutes | <0.5% HCl | Complies | >60% | Complies |
| 150 | One | (120 + 15) minutes | <0.5% HCl | Complies | >60% | Complies |
| 185 | One | (120 + 15) minutes | <0.5% HCl | Complies | >60% | Complies |
| 240 | One | (120 + 15) minutes | <0.5% HCl | Complies | >60% | Complies |
| 300 | One | (120 + 15) minutes | <0.5% HCl | Complies | >60% | Complies |
| 400 | One | (120 + 15) minutes | <0.5% HCl | Complies | >60% | Complies |

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|---|-------------------|----------------------------|------------|------------|------------|---------------|
| Cu/Mica/XLPE/AWA/LSHF | | | | | | 1676c/01 |
| Nominal csa of conductor (mm ²) See note 1 | Core Construction | IEC 60331-21 See note 2 | EN 60754-1 | EN 60754-2 | EN 61034-2 | EN 60332-3-24 |
| 500 | One | (120 + 15) minutes | <0.5% HCl | Complies | >60% | Complies |
| 630 | One | (120 + 15) minutes | <0.5% HCl | Complies | >60% | Complies |
| 800 | One | (120 + 15) minutes | <0.5% HCl | Complies | >60% | Complies |

Uo/U 600/1000V

Notes:

1. Stranded conductors only.
2. The Cu/Mica/XLPE/AWA/LSHF Cables met the requirements of IEC 60331-21:1999 when tested at a temperature of 750°C for a duration of 120 + 15 minutes cool down period, at a voltage rating of 600V.

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