

# LICENCE

No. 21834 replaces No.18923

Issued to:  
Applicant:  
**General Cable CELCAT**  
**Energia e Telecomunicações S.A.**  
**av. Marquês de Pombal**  
**36-38 Morelena**  
**2715-055 PERO PINHEIRO**  
**Portugal**

Licensee:  
**General Cable CELCAT**  
**Energia e Telecomunicações S.A.**  
**Av. Marquês de Pombal, 36/38**  
**Morelena**  
**2715-055 PERO PINHEIRO**  
**Portugal**

Product : cables for fixed wiring  
Trade name(s) : GENERAL CABLE 7  
Type(s)/model(s) : XGB



The product and any acceptable variation thereto is specified in the annex to this licence and the documents therein referred to.

SGS CEBEC hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard specified in annex
- an inspection of the production location
- a certification agreement with the number 1077

SGS CEBEC hereby grants the right to use the CEBEC certification mark

The CEBEC certification mark may be applied to the product as specified in this licence for the duration of the CEBEC certification agreement and under the conditions of the CEBEC certification agreement.

This licence is issued on: 30/07/2020

Ir. C. Lana,  
Certification Manager

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This certificate is only valid combined with the publication on the following web address: [www.sgs.com/ee](http://www.sgs.com/ee)

BE  
LAC  
005-PROD



## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

Product	:	cables for fixed wiring
Trade name(s)	:	GENERAL CABLE 7
Type(s)/Model(s)	:	XGB
description	:	cable with copper conductors, unarmoured
insulating material	:	XLPE insulator and sheathed with G type halogen free compound
rated voltage U <sub>0</sub> /U	:	0,6/1 kV
flame propagation	:	minimum Cca-s1,d2,a1

### Additional information

Covered number of conductors and cross sections. Round type conductors

1-core: 35 mm<sup>2</sup> to 240 mm<sup>2</sup>  
 2-core: 10 mm<sup>2</sup> to 25 mm<sup>2</sup>  
 3-core: 16 mm<sup>2</sup> to 50 mm<sup>2</sup>  
 4-core: 25 mm<sup>2</sup> to 50 mm<sup>2</sup>  
 5-core: 35 mm<sup>2</sup>

Covered number of conductors and cross sections. Sector type conductors

3-core: 70 mm<sup>2</sup> to 300 mm<sup>2</sup>  
 4-core: 70 mm<sup>2</sup> to 185 mm<sup>2</sup>

Covered number of conductors and cross sections, cables with circular conductors with one conductor of reduced section.

4-core: 3x25 mm<sup>2</sup> + 1x16 mm<sup>2</sup>, 3x35 mm<sup>2</sup> + 1x16 mm<sup>2</sup>, 3x50 mm<sup>2</sup> + 1x25 mm<sup>2</sup>

Covered number of conductors and cross sections, cables with sector conductors with one conductor of reduced section.

4-core: 3x70 mm<sup>2</sup> + 1x35 mm<sup>2</sup>, 3x95 mm<sup>2</sup> + 1x50 mm<sup>2</sup>, 3x120 mm<sup>2</sup> + 1x70 mm<sup>2</sup>, 3x150 mm<sup>2</sup> + 1x70 mm<sup>2</sup>,  
 3x185 mm<sup>2</sup> + 1x95 mm<sup>2</sup>, 3x240 mm<sup>2</sup> + 1x120 mm<sup>2</sup>, 3x300 mm<sup>2</sup> + 1x150 mm<sup>2</sup>

## TESTS

### Test requirements

NBN HD 604:2016 + Corrigendum 2017-01 + AC 2018-08

**Test results**

The test results are laid down in certification file ref. 629477/01

**Remarks**

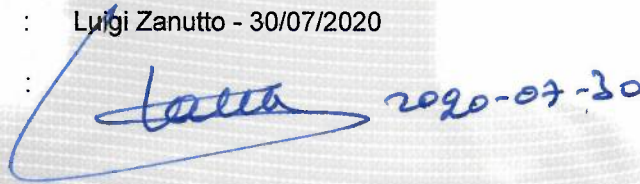
This certificate is based on test reports ref. DQA 10/2020, DQA 67/2019, DQA 80/2019, DQA 82/19, DQA 87/19, CRE\_B0401325 and DQA 50/2020

**Conclusion**

The examination proved that all certification requirements were met.

Reviewed by, project leader : Luigi Zanutto - 30/07/2020

Certification Manager :

A handwritten signature in blue ink is written over the 'Certification Manager' line. The signature is cursive and appears to be 'Luigi Zanutto'. To the right of the signature, the date '2020-07-30' is written in blue ink.

**FACTORY LOCATION(S)**

General Cable CELCAT  
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av. Marquês de Pombal  
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