

EU Declaration of Conformity

No. 202101



1. **Products** LKM-HF, class 5, 0,6/1 kV
2. **Manufacturer**

Company name: Helkama Bica Oy
-address: Lasitehtaankatu 12 10960 HANKO
-phone: +358-2-410-8700
-fax: +358-19-248 2016

3. **This declaration of conformity is issued under the sole responsibility of the manufacturer**
4. **Objects of the declaration**

LKM-HF, class 5, unarmoured power and control cable, 0,6/1,0 kV

Size:

1x16 mm²; 1x25 mm²; 1x35 mm²; 1x50 mm²; 1x70 mm²; 1x95 mm²; 1x120 mm²; 1x150 mm²; 1x185 mm²
1x240 mm²; 2x2,5 mm²; 2x4 mm²; 2x10 mm²; 2x16 mm²; 2x25 mm²; 2x35 mm²; 2x50 mm²; 2x70 mm²
2x95 mm²; 2x120 mm²; 2x150 mm²; 2x185 mm²; 2x240 mm²; 3x16 mm²; 3x25 mm²; 3x35 mm²; 3x50 mm²
3x70 mm²; 3x95 mm²; 3x120 mm²; 3x150 mm²; 3x185 mm²; 3x240 mm²; 3x300 mm²; 4x25 mm²; 4x35 mm²
4x50 mm²; 4x70 mm²; 4x95 mm²; 4x120 mm²; 4x150 mm²; 4x185 mm²; 4x240 mm²; 4x300 mm²; 5x25 mm²
5x35 mm²; 5x50 mm²; 5x70 mm²; 5x95 mm²; 5x120 mm²; 5x150 mm²; 5x185 mm²; 5x240 mm²; 5x300 mm²

5. **The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:**
Construction Product Regulation (CPR) No 305/2011/EU
Restriction of Hazardous Substances (RoHS) Directive 2011/65/EU
6. **References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:**

IEC 60092-353	Design standard
IEC 60228, class 5	Conductor
IEC 60332-1-2	Flame-retardant - test for single wire and cable
IEC 61034 -2	Smoke density
IEC 60754	Halogen free

7. **Signed for and on behalf of:**

Kaarina 3.9.2021

Manufacturer:
Helkama Bica

Oskari Vainio, R&D Manager

EU Declaration of Performance

No. 202101



1. **Unique identification code of the product-type:**

LKM-HF, class 5, unarmoured power and control cable, 0,6/1,0 kV

Size:

1x16 mm² ; 1x25 mm² ; 1x35 mm² ; 1x50 mm² ; 1x70 mm² ; 1x95 mm² ; 1x120 mm² ; 1x150 mm² ; 1x185 mm²
1x240 mm² ; 2x2,5 mm² ; 2x4 mm² ; 2x10 mm² ; 2x16 mm² ; 2x25 mm² ; 2x35 mm² ; 2x50 mm² ; 2x70 mm²
2x95 mm² ; 2x120 mm² ; 2x150 mm² ; 2x185 mm² ; 2x240 mm² ; 3x16 mm² ; 3x25 mm² ; 3x35 mm² ; 3x50 mm²
3x70 mm² ; 3x95 mm² ; 3x120 mm² ; 3x150 mm² ; 3x185 mm² ; 3x240 mm² ; 3x300 mm² ; 4x25 mm² ; 4x35 mm²
4x50 mm² ; 4x70 mm² ; 4x95 mm² ; 4x120 mm² ; 4x150 mm² ; 4x185 mm² ; 4x240 mm² ; 4x300 mm² ; 5x25 mm²
5x35 mm² ; 5x50 mm² ; 5x70 mm² ; 5x95 mm² ; 5x120 mm² ; 5x150 mm² ; 5x185 mm² ; 5x240 mm² ; 5x300 mm²

2. **Intended use**

General unarmoured power and control cable in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.

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4. **System or systems of assessment and verification of constancy of performance of the construction product**

System 3

5. **Harmonised standard**

EN 50575:2014 + A1:2016

6. **Notified body code**

2652

7. **Declared performance**

Reaction to fire: **Dca-s1a, d2, a1**
Dangerous substances: **NPD**

8. **The performance of the product identified in point 1 is in conformity with the declared performance in point 7**

This declaration of performance is issued under the sole responsibility of the manufacturer.

9. **Signed for and on behalf of:**

Kaarina 3.9.2021

Manufacturer:
Helkama Bica

Oskari Vainio, R&D Manager