

**CLASSIFICATION OF REACTION TO FIRE
FOR ELECTRIC CABLES
IN ACCORDANCE WITH EN 13501-6**

of

JIAXING HAITANG ELECTRONICS CO., LTD

Cable identification:

U/FTP Cat. 6A LSHF Copper cable

Prepared by Jens Rytter Petersen

Project No. 1164620

2016.10.12



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1 Identification

Sponsor: JIAXING HAITANG ELECTRONICS CO., LTD
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CPR Notified Body No.: **NB 2652**

DANAK Reg. No.: **0473**

Product name: U/FTP Cat. 6A LSHF Copper cable

Product Marking HT CAT6A-024-0809-0500 U/FTP CATEGORY 6A CLASS
EA SHIELDED LSZH CABLE VERIFIED TO CAT6A
ISO/IEC-11801 201M

Classifications report No.: 1164620

Issue number: 1

Date of issue: 2016.10.12

This classifications report consists of nine pages and may only be used or reproduced in its entirety.

2 Details of classified products

2.1 General

The product, U/FTP Cat. 6A LSHF Copper cable, is defined as an copper communications cable according to EN 50575.

2.2 Product description

The product U/FTP Cat. 6A LSHF Copper cable, is described below or is described in the reports provided in support of classifications listed in 3.1.

| Product descriptions |
|----------------------------------|
| U/FTP Cat. 6A LSHF Copper cable. |

3 Reports and results in support of this classifications

3.1 Reports

| Name of Laboratory | Name of sponsor | Report ref. No. | Test method and date/field of applications rules and date |
|---------------------------|--|------------------------|--|
| 3P | JIAXING HAI TANG ELECTRONICS CO., LTD | Report no. 1164620A | EN 60332-1-2 |

3.2 Results

| Test method and test number | Parameter | No. Tests | Results | |
|--|-----------------|--------------|--------------------------------|----------------------------------|
| | | | Continuous parameter – mean | Compliance with parameters |
| EN 60332-1-2 Report no. 1164620A | $H \leq 425$ mm | 1 | 110 mm | Compliant |

4 Classification and field of application

4.1 Reference of classifications

This classifications has been carried out in accordance with EN 13501-6

4.2 Classification

The product, U/FTP Cat. 6A LSHF Copper cable, in its relations to reaction to fire behaviour is classified:

A_{ca} to F_{ca} (as applicable)

The additional classification in relation to smoke production is:

s1, s1a, s1b, s2, s3, (as applicable)

The additional classification in relation to flaming droplets / particles is:

d0, d1, d2, (as applicable)

The additional classification in relation to acidity is:

a1, a2, a3, (as applicable)

The format of the reactions to fire classification for electric cables is:

| Fire behaviour | | Smoke production | | Flaming droplets | | Acidity |
|-----------------------|---|-------------------------|---|-------------------------|---|----------------|
| E _{ca} | , | | , | | , | |

4.3 Field of application

This classification is valid for the following product parameters as determined in the extended applications process CLC/FprTS 50576.

| | |
|---|--|
| Product family: U/FTP Cat. 6A LSHF Copper cable | |
| Cable Identification: | Product parameter variations |
| 6AUF-001-101-NH 6AUF-001-201-NH 6AUF-001-301-NH 6AUF-001-135-NH 6AUF-001-235-NH 6AUF-001-335-NH 6AUF-001-110-NH 6AUF-001-210-NH 6AUF-001-310-NH | Different colour, length and packing form |

5 Limitations

This classification document does not represent type approval or certifications of the product.

Include the following statement to the report when the product is being CE marked under the attestations of conformity system 3.

“The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacture within the context of system 3 attestation of conformity and CE marking under the Construction Product Regulation.

The test laboratory has therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.”

Hoersholm, 12th October 2016



Jens Rytter Petersen
Undertaking classification

Hoersholm, 12th October



Morten Dam
Authorizing this report