

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

**of**

**JIAXING HAITANG ELECTRONICS CO., LTD**

**Cable identification:**

**U/UTP Cat. 5e LSHF Copper cable**

Prepared by Jens Rytter Petersen

Project No. 1164608

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/UTP Cat. 5e LSHF Copper cable

Product Marking HT U/UTP CAT.5e LSHF 011M

Classifications report No.: 1164608

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## 2 Details of classified products

### 2.1 General

The product, U/UTP Cat. 5e LSHF Copper cable, is defined as a copper communication cable according to EN 50575.

### 2.2 Product description

The product U/UTP Cat. 5e LSHF Copper cable, is described below or is described in the reports provided in support of classifications listed in 3.1.

<b>Product descriptions</b>
U/UTP Cat. 5e LSHF Copper cable, 24AWG.

### 3 Reports and results in support of this classifications

#### 3.1 Reports

<b>Name of Laboratory</b>	<b>Name of sponsor</b>	<b>Report ref. No.</b>	<b>Test method and date/field of applications rules and date</b>
3P	JIAXING HAITANG ELECTRONICS CO., LTD	Report no. 1164608A	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. 1164608A	$H \leq 425$ mm	1	170 mm	Compliant

## 4 Classification and field of application

### 4.1 Reference of classifications

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

### 4.2 Classification

The product, U/UTP Cat. 5e LSHF Copper cable, in its relations to reaction to fire behaviour is classified:

A<sub>ca</sub> to F<sub>ca</sub> (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:

<b>Fire behaviour</b>		<b>Smoke production</b>		<b>Flaming droplets</b>		<b>Acidity</b>
E <sub>ca</sub>	,		,		,	

### 4.3 Field of application

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

<b>Product family:</b> U/UTP Cat. 5e LSHF Copper cable	
<b>Cable Identification:</b>	<b>Product parameter variations</b>
5EUU-001-101-NH 5EUU-001-201-NH 5EUU-001-301-NH 5EUU-001-135-NH 5EUU-001-235-NH 5EUU-001-335-NH 5EUU-001-110-NH 5EUU-001-210-NH 5EUU-001-310-NH	<b>Different colour,          length and          packing form</b>



## 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, 12<sup>th</sup> October 2016



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Jens Rytter Petersen  
Undertaking classification

Hoersholm, 12<sup>th</sup> October 2016



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Morten Dam  
Authorizing this report