



**CLASSIFICATION OF REACTION TO FIRE**  
**FOR COMMUNICATION CABLES IN ACCORDANCE WITH**  
**UNE-EN 13501-6:2015**

Sponsor: **NINGBO KINGDA ELECTRONICS CO.,LTD**

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Place of Manufacture: **RM 1612, 16/F, BUILDING 1, NEW WORLD MANSION,**  
**NO.1018 MIN'AN RD., NINGBO,CHINA**

Notified Body No: 1722

Product name: **F/UTP CAT5E Lan Cable**

Classification report No.: CEL 998-2/17-1

Issue number: **1**

Date of issue: **2017/07/14**

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Approved:  
Customer Manager

## 1. Introduction

This classification report defines the classification assigned to **F/UTP CAT5E Lan Cable** in accordance with the procedures given in EN 13501-6:2014

## 2. Details of classified product

### 2.1 General

The product, **F/UTP CAT5E Lan Cable**, is defined as **communication cable** in accordance with the procedures given in EN 13501-6.

### 2.2 Traceability

The test samples submitted by **NINGBO KINGDA ELECTRONICS CO.,LTD** and received on **06/07/2017**.

### 2.3 Sample details

Test sponsor: **NINGBO KINGDA ELECTRONICS CO.,LTD**

Manufacturer of sample: **NINGBO KINGDA ELECTRONICS CO.,LTD**

Place of manufacture: **RM 1612, 16/F, BUILDING 1, NEW WORLD MANSION,  
NO.1018 MIN'AN RD., NINGBO,CHINA**

Cables Submitted for test	Details
F/UTP CAT5E Lan Cable	Sample OD: 5,90 mm

## 3. Reports & results in support of this classification

### 3.1 Reports

Name of Laboratory	Name of sponsor	Report ref. no.	Test method
CEIS	NINGBO KINGDA ELECTRONICS CO.,LTD	CEL 0972/17-1	<ul style="list-style-type: none"> <li>▪ UNE-EN 60332-1-2:2005+A1:2016+A11:2016</li> </ul>

### 3.2 Results

Sample	Parameter	Number of tests	Continuous parameter - mean m	Compliance with parameters
F/UTP CAT5E Lan Cable	Flame spread H [mm] ≤ 425	1	80	YES

## 4. Classification and field of application

### 4.1 Reference of classification

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

### 4.2 Classification

The product, **F/UTP CAT5E Lan Cable**, in relation to its reaction to fire behaviour is classified:

**E<sub>ca</sub>**

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

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

**Reaction to Fire Classification: E<sub>ca</sub>**

The classification assigned to the products in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 3 attestation of conformity and CE marking under the Construction Products 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 samples tested.

### 4.3 Field of application

This classification is valid for **the communication cable F/UTP CAT5E Lan Cable** described in **“Product description”** as determined in the extended applications process (Specific EXAP) according to CLC/TS 50576 technical specification and the *Best Practice for Extended field of application (EXAP) for reaction-to-fire Euro-classification of copper communication cables (CCC) NB-CPR/SH02-16/BP07 (Stand 07.11.2016) of Fire Sector Group of Notified Bodies for the Construction Products Regulation.*

This classification is valid for the **communication cables** described in **“Product description”** and listed below.

Cable Identification	Reaction to Fire Classification
F/UTP CAT5E Lan Cable	Eca

This classification is valid for all end-use applications.

### 5. Limitations

This classification will be valid whilst;

- The test methods remain unchanged,
- The product standard or technical approval remains unchanged,
- Constructional or material modifications do not exceed limits of the field of application.

The manufacturer has made a declaration, which is held on file, which the product placed in the marketplace, named in **Details of classified product** section of this report and produced at the manufacturing plant listed therein, is exactly the same as the product that was tested.

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