



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

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

Prepared by: CEIS S.L.
Cr. Villaviciosa de Odón a Móstoles, km 1,5 – 28935
Móstoles Madrid

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 CAT6 Lan Cable**

Classification report No.: CEL 998-3/17-1

Issue number: **1**

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

This classification report consists of **4** pages and may only be used or reproduced in its entirety.

Ceis s.l. is notified body number 1722 according to Construction Product Regulation nº 305/2011. This recognition is owned by Ceis s.l. and it is not transferable and applies only to the activities of testing and conformity assessment in this report included, for the product identified. It remains prohibited the partial reproduction of this report. The results contained in this report refer to the moment and conditions in that the measurements were realized and only to the sample/s object of study. The information of the identification of the samples has been given by the manufacturer. The uncertainties associated with the measures included in this report are estimated, considered and available to the customer.

Approved:
Customer Manager

1. Introduction

This classification report defines the classification assigned to **F/UTP CAT6 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 CAT6 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 CAT6 Lan Cable	Sample OD: 7,20 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	▪ UNE-EN 60332-1- 2:2005+A1:2016+A11:2016

3.2 Results

Sample	Parameter	Number of tests	Continuous parameter - mean m	Compliance with parameters
F/UTP CAT6 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 CAT6 Lan Cable**, in relation to its reaction to fire behaviour is classified:

E_{ca}

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

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

Reaction to Fire Classification: E_{ca}

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 CAT6 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 family **communication cables** described in “**Product description**” and listed below.

Cable Identification	Reaction to Fire Classification
F/UTP CAT6 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.