



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

Sponsor: **NINGBO KANGDA ELECTRONIC CO.,LTD**

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Place of Manufacture: **Shimudi, Daxu Town, Xiangshan, Ningbo, Zhejiang, China (315706)**

Notified Body N°: 1722

Product name: **UTP CAT6 PVC**

Classification report N°.: **CEL-1050-2/18-1**

Issue number: **1**

Date of issue: **10/09/2018**

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Approved and revised:
Customer Manager

1. Introduction

This classification report defines the classification assigned to **UTP CAT6 PVC** in accordance with the procedures given in EN 13501-6:2014

2. Details of classified product

2.1 General

The product, **UTP CAT6 PVC**, is defined as **copper communication cable** in accordance with the procedures given in EN 13501-6 and UNE-EN 50575:2015 A1: 2016.

2.2 Product description

The **UTP CAT6 PVC**, is as described in Sample details below.

Cable Identification
UTP CAT6 PVC

2.3 Traceability

The test samples submitted by **NINGBO KANGDA ELECTRONIC CO.,LTD** and received on

2018-08-16.

2.4 Sample details

Test sponsor: **NINGBO KANGDA ELECTRONIC CO.,LTD**

Manufacturer of sample: **NINGBO KANGDA ELECTRONIC CO.,LTD**

Place of manufacture: **Shimudi, Daxu Town, Xiangshan, Ningbo, Zhejiang, China (315706)**

Cables Submitted for test	Sample OD [mm]
UTP CAT6 PVC	6,80

3. Reports & results in support of this classification

3.1 Reports

Name of Laboratory	Name of sponsor	Report ref. N°.	Test method
CEIS, S.L.	NINGBO KANGDA ELECTRONIC CO.,LTD	CEL-1046/18-1	<ul style="list-style-type: none"> UNE-EN 60332-1-2:2005+A1:2016+A11:2016

3.2 Results

Test method	Sample	Parameter	Number of tests	Continuous parameter - mean m	Compliance with parameters
UNE-EN 60332-1-2:2005+A1:2016+A11:2016	UTP CAT6 PVC	Flame spread H [mm] ≤ 425	1	100	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, **UTP CAT6 PVC**, in relation to its reaction to fire behavior 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}	-	s	-	,	d	-	,	a	-

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 UE N° 305/2011.

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 copper communication cable UTP CAT6 PVC** described in **“Product description”** as determined in the extended applications process (Specific EXAP) according to CLC/TS 50576:2016 technical.

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.