

# Classification Report



**BASEC Client**    **xxx**

**Report No.**    LCPR1413-27 Classification Issue 2  
Numer of pages in this Report: 6

**Issue Date**    **7 July 2017**

**Items Tested**    1 sample of lan cable

**Specification(s)**    BS EN 13501-6:2014

Authorised by:    I McGuinness

A handwritten signature in black ink, appearing to read "I McGuinness", is positioned to the right of the name in the signature line.

Laboratory Manager

Issue Date:    7 July 2017

This classification Report does not represent type approval or certification of the product. This Classification Report shall not be reproduced except in full, without written approval of the laboratory.

## BASEC Report No: LCPR1413-27 Classification Issue 2

British Approvals Service for Cables  
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Notified Body No. 2661



BASEC Reference: LF189.002 issue date 12/07/2016

### Introduction

This classification report defines the classification for the communication cable, in accordance with the procedures given in BS EN 13501-6:2014



## CLASSIFICATION OF REACTION TO FIRE FOR ELECTRIC CABLES IN ACCORDANCE WITH BS EN 13501-6:2014

**Sponsor:** xxx  
**Prepared for:** xxx., Linglong Industry Zone,  
Lin'An City, Zhejiang Province, China  
**Prepared by:** British Approvals services for Cables, Presley House, Presley Way, Crownhill  
Milton Keynes, MK8 0ES, United Kingdom  
**Notified Body No.** 2661  
**Product Name:** UTP CAT5E - PVC BC  
**Classification Report No.** LCPR1413-27 Classification  
**Issue number:** 2  
**Date of Issue:** 7 July 2017

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### Details of classified product

#### General

This classification report defines the classification for the communication cable, in accordance with the procedures given in BS EN 13501-6:2014.

#### Product description

The lan cable family, UTP CAT5E - PVC BC, is as described in Sample details below.

#### Traceability

The test samples submitted by the manufacture and received on 24 May 2017.

#### Sample details

Parameter	Details	
Test sponsor	xxx	
Contact address	Linglong Industry Zone, Lin'An City, Zhejiang Province, China	
Cables submitte for test		
UTP CAT5E - PVC BC	8 x (0.45±0.02mm Bare Copper Conductor, 0.88±0.05mm Solid PE Insulation, PVC Jacket) OD = 5.1mm	
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### Reports & results in support of this classification

#### Reports

Name of Laboratory	Name of test sponsor	Test reports Nos.	Test method/field of application rules
UL-CCIC Company Limited	xxx Co Ltd	LCPR1413	BS EN 60332-1-2:2014 + A11:2016

#### Results

Cable	Parameter	No. tests runs	Results	
			Continuous parameter	Compliance with parameters
UTP CAT5E - PVC BC	H	1	286mm	≤ 425mm = E <sub>ca</sub> Compliant
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### Classification and field of application

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### Reference of classification

This classification has been carried out in accordance with BS EN 13501-6:2014 **Classification**

The lan cable in relation 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.

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### Field of application

This classification is valid for the coaxial cable described in 'Sample details' and listed below

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Brand Name	Cable Identification	Conductor Size	Reaction to Fire Classification
Zircon UTP 5e CU LSZH	UTP CAT5E - PVC BC	0.181mm <sup>2</sup>	E <sub>ca</sub>

This classification is valid for all end-use applications

### 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 product description 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.

-- END OFF REPORT --

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