

# Classification Report



**BASEC Client** Caleb Cable Industrial Limited

**Report No.** LCPR1311-2 Classification Issue 4

Number of pages in this Report: 6

**Issue Date** 15 May 2017

**Items Tested** 2 samples of communication cable

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

Authorised by: I McGuinness

Laboratory Manager

Issue Date: 15 May 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.

British Approvals Service for Cables  
Presley House  
Presley Way  
Crownhill  
Milton Keynes  
MK8 0ES UK  
T: 01908 267300  
F: 01908 267255  
E: [mail@basec.org.uk](mailto:mail@basec.org.uk)  
W: [www.basec.org.uk](http://www.basec.org.uk)



5950



Notified Body No. 2661

**Introduction**

This classification report defines the classification assigned to the product, electric 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**

<b>Sponsor:</b>	<b>Caleb Cable Industrial Limited</b>
<b>Prepared for:</b>	<b>Caleb Cable Industrial Limited</b>
<b>Place of Manufacture:</b>	<b>107 Luyuan Road, Ke Yuan Cheng, Tangxia, Dongguan, China</b>
<b>Prepared by:</b>	British Approvals Service for Cables, Presley House, Presley Way, Crownhill Milton Keynes, MK8 0ES, United Kingdom
<b>Notified Body No.</b>	2661
<b>Product Name:</b>	F-UTP
<b>Classification Report No.</b>	<b>LCPR1311-2 Classification Issue 4</b>
<b>Issue number:</b>	4
<b>Date of issue:</b>	<b>15 May 2017</b>

This classification report consists of 6 pages and may only be used or reproduced in its entirety.

## BASEC Report No: LCPR1311-2 Classification Issue 4

### Details of classified product

#### General

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

#### Product description

The communication cables are as described in Sample details below.

#### Traceability

The test samples submitted by the manufacturer and received on 22 August 2016 and 5 April 2017.

#### Sample details

Parameter	Details
Test sponsor	Caleb Cable Industrial Limited
Manufacturer of sample	Caleb Cable Industrial Limited
Place of manufacture	107 Luyuan Road, Ke Yuan Cheng, Tangxia, Dongguan, China
Cables submitted for test	
F-UTP Cat 5e/Cat 6 LSZH 24 AWG	4 pairs of HDPE insulated conductors, over binder tape, drain wire, shield, LSZH jacket: OD = 5.9mm
F-UTP Cat 6 LSZH 23AWG	4 pairs of HDPE insulated conductors, over binder tape, drain wire, shield, LSZH jacket: 7.1mm OD

## BASEC Report No: LCPR1311-2 Classification Issue 4

### Reports & results in support of this classification

#### Reports

Name of Laboratory	Name of test sponsor	Test reports Nos.	Test method/field of application rules
BASEC	Caleb Cable Industrial Limited	KCPR1023	BS EN 60332-1-2:2004 + A1:2015
BASEC	Caleb Cable Industrial Limited	LCPR1311	BS EN 60332-1-2:2004 + A11:2016

#### Results

Cable	Parameter	No. tests runs	Results	
			Continuous parameter - mean <i>m</i>	Compliance with parameters Criterion for Class Eca
F-UTP Cat 5e/Cat 6 LSZH 24 AWG	H	1	99mm	≤ 425mm = Compliant
F-UTP Cat 6 LSZH 23AWG	H	1	87mm	≤ 425mm = Compliant

## BASEC Report No: LCPR1311-2 Classification Issue 4

### Classification and field of application

#### Reference of classification

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

#### Classification

The communication cables in relation to reaction to fire behaviour are 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.

## BASEC Report No: LCPR1311-2 Classification Issue 4

### Field of application

This classification is valid for the electric cables described in 'Sample details' and listed below

Cable Identification	Reaction to Fire Classification
F-UTP Cat 5e/Cat 6 LSZH 24 AWG	E <sub>ca</sub>
F-UTP Cat 6 LSZH 23AWG	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 OF REPORT --