Classification Report

BASEC Client	**Huzhou Hongtong Electronic Cable Co.,Ltd**
Report No.	LCPR1330-1a Classification
	Number of pages in this Report: 6
Issue Date	**28 June 2017**

Items Tested	2 samples of communication cable
Specification(s)	BS EN 13501-6:2014

Authorised by: I McGuinness Laboratory Manager

Issue Date: 28 June 2017

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
W: www.basec.org.uk

5950

Notified Body No. 2661

BASEC Report No: LCPR1330-1a Classification

Introduction

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

BASEC
BRITISH APPROVALS SERVICE FOR CABLES

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

Sponsor:	**Huzhou Hongtong Electronic Cable Co.,Ltd**
Prepared for:	**Huzhou Hongtong Electronic Cable Co.,Ltd, Room1410, Building 2, Golden Lu Ginza, #688 Tonghui Road, Xiaoshan, Hangzhou, Zhejiang, China.**
Prepared by:	British Approvals Service for Cables, Presley House, Presley Way, Crownhill Milton Keynes, MK8 0ES, United Kingdom
Notified Body No.	2661
Product Name:	**Telephone Cable PVC 20/24AWG**
Classification Report No.	**LCPR1330-1a Classification**
Issue number:	1
Date of issue:	**28 June 2017**

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

BASEC Report No: LCPR1330-1a Classification

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 communication cable family, 'Telephone Cable PVC 20/24AWG,' is as described in Sample details below.

Traceability

The test samples submitted by the manufacturer and received on 28 April 2017

Sample details

Parameter	**Details**
Test sponsor	Huzhou Hongtong Electronic Cable Co.,Ltd
Contact address	Room1410, Building 2, Golden Lu Ginza, #688 Tonghui Road, Xiaoshan, Hangzhou, Zhejiang, China.
Generic type of product	Telephone Cable
Cables submitted for test	
Telephone Cable 1x2x24AWG PVC Jacket *(sample 1)*	Multi core cable. 1 pair HDPE Insulated Conductors, Rip Cord, PVC jacket. 3.8mm = OD
Telephone Cable 5x2x20AWG PVC Jacket *(sample 2)*	Multi core cable. 5 pairs HDPE Insulated Conductors, Non-Metal (PET) tape, Drain Wire, Aluminium Metal Tape, Rip Cord, PVC Jacket. 7.7mm = OD

BASEC Report No: LCPR1330-1a Classification

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 Ltd	Huzhou Hongtong Electronic Cable Co.,Ltd	KCPR1330	BS EN 60332–1-2:2004 + A11:2016

Results

Cable	Parameter	No. tests runs	Results	
			Continuous parameter	Compliance with parameters
Telephone Cable 1x2x24AWG	H	1	130m	≤ 425mm = E_{ca} Compliant
Telephone Cable 5x2x20AWG	H	1	148m	≤ 425mm = E_{ca} Compliant

BASEC Report No: LCPR1330-1a Classification

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 cable in relation to 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.

BASEC Report No: LCPR1330-1a Classification

Field of application

This classification is valid for the communication cable described in 'Sample details' and listed below as determined in the extended application process according to PD-CLC/TS 50576-2016

Brand Name	Cable Identification	Number of pairs	Conductor Size	Reaction to Fire Classification
Huzhou Hongtong Electronic Cable Co.,Ltd	Telephone Cable PVC Jacket	1	20AWG – 24AWG	E_{ca}
		2	20AWG – 24AWG	
		3	20AWG – 24AWG	
		5	20AWG – 24AWG	

This classification is valid for cables for general applications in construction works subject to reaction to fire requirements.

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 - - -