

Classification Report



BASEC Client Zhejiang Dahua Vision Technology Co., Ltd.

Report No. LCPR1769 Classification

Number of pages in this Report: 6

Issue Date 25 September 2017

Items Tested 1 sample of copper communication cable

Specification(s) BS EN 13501-6:2014

Authorised by: I McGuinness

Laboratory Manager

Issue Date: 25 September 2017

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5950



Notified Body No. 2661

BASEC Report No: LCPR1769 Classification

Introduction

This classification report defines the classification assigned to the product, copper 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: Zhejiang Dahua Vision Technology Co., Ltd.
Prepared for: Zhejiang Dahua Vision Technology Co., Ltd., No 1199 Bin'an Road, Binjiang District, Hangzhou, P.R China
Prepared by: British Approvals Service for Cables, Presley House, Presley Way, Crownhill Milton Keynes, MK8 0ES, United Kingdom
Notified Body No. 2661
Cable Family Name: Copper communication cable DH-PFM920I-5EUN / PFM920I-5EUN 4 Pair UTP 26AWG
Classification Report No. LCPR1769 Classification
Issue number: 1
Date of issue: 25 September 2017

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BASEC Report No: LCPR1769 Classification

Details of classified product

General

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

Product description

The communication cable is as described in Sample details below.

Traceability

The test sample submitted by the manufacturer and received on 16 August 2017

Sample details

Parameter	Details
Test sponsor	Zhejiang Dahua Vision Technology Co., Ltd.
Contact address	No 1199 Bin'an Road, Dinjiang District, Hangzhou, P.R. China
Cables submitted for test	
DH-PFM920I-5EUN / PFM920I-5EUN U/UTP 26AWG	4 pair U/UTP copper communication cable 26AWG. 4 pairs of Class 1 (solid) copper conductors, HDPE insulation, rip cord, PVC Jacket. OD = 4.9mm

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Reports & results in support of this classification

Reports

Name of Laboratory	Name of test sponsor	Test reports No.	Test method/field of application rules
UL-CCIC Company Limited	Zhejiang Dahua Vision Technology Co., Ltd.	LCPR1708	BS EN 60332-1-2:2004 +A11:2016

Results

Cable	Parameter	No. tests runs	Results	
			Continuous parameter	Compliance parameters
DH-PFM920I-5EUN / PFM920I-5EUN	H	1	275mm	≤ 425mm = E _{ca} Compliant

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Classification and field of application

Reference of classification

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

Classification

The copper 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.

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Field of application

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

Brand name	Part Number	Number of Pairs	Conductor Size	Reaction to Fire Classification
Zhejiang Dahua Vision Technology Co. Ltd.	DH-PFM920I-5EUN/ PFM920I-5EUN U/UTP	4	26AWG	E _{ca}

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 --