



# CLASSIFICATION REPORT

## of reaction to fire for electric cables

### 1 Introduction

This classification report defines the classification assigned to the cable type *CAT6/CAT6A/CAT7/CAT7A SFTP* in accordance with the procedures given in EN 13501-6.

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

<b>Sponsor:</b>	HVB ELECTRONICS CO.,LTD WEST GATE, NO.487 315032 KANGZHUANG ROAD(SOUTH), NINGBO CITY Zhejiang CHINA
<b>Prepared by:</b>	VDE Prüf- und Zertifizierungsinstitut GmbH* Merianstraße 28, 63069 Offenbach, Deutsch- land
<b>Notified Body No:</b>	0366*
<b>Product name:</b>	CAT6/CAT6A/CAT7/CAT7A SFTP
<b>Classification report No:</b>	5022772/1-1
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*\* To be used for CE marking only*





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### 3 Reports and results in support of this classification

#### 3.1 Reports

Name of Laboratory	Name of sponsor	Report ref. no.	Test method and date
VDE Institute	HVB ELECTRONICS CO.,LTD	237827-CC4-1	2017-06-07 <input checked="" type="checkbox"/> EN 60332-1-2 <input type="checkbox"/> EN 50399 <input type="checkbox"/> EN 61034-2 <input type="checkbox"/> EN 60754-2



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### 3.2 Results

Test method and test number	Parameter	No. tests <sup>2</sup>	Results <sup>3</sup>	
			Continuous parameter – mean m	Compliance with parameters
Test for vertical flame propagation for a single insulated wire or cable (EN 60332-1-2)	H	1	N/A	Compliant

<sup>2</sup> According to EN 13501-6: Number of individual measurements necessary to obtain a result value; does not refer to the number of tests through the application of EXAP rules according to TS 50576.

<sup>3</sup> When applying EXAP rules according to TS 50576, only the results that contribute to the classification are listed.





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### 4.3 Field of application

This classification is valid for the following product parameters as determined in the expanded application process according on CLC/TS 50576:

Covered section of the cable diameter: **5,9...10,0 mm**

The classification is valid for all end use applications.

### 5 Limitations

This classification document does not represent type approval or certification of the product.

The classification assigned to the product 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 Directive.

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 the samples tested.

#### SIGNED

Detlef Staemmler  
Creator of the classification report

#### APPROVED

Dr. Christian Cornelissen  
Head of the Notified Body  
Construction Products Regulation