

Classification Report



BASEC Client **xxx**

Report No. **LCPR1413-1 Classification Issue 2**
Numer of pages in this Report: 6

Issue Date **7 July 2017**

Items Tested 1 sample of coaxial 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 between the name and the title.

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.

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British Approvals Service for Cables
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Notified Body No. 2661



5950



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

Introduction

This classification report defines the classification assigned to the coaxial 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:	23VATC - PVC CCS
Classification Report No.	LCPR1413-1 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 coaxial cable, in accordance with the procedures given in BS EN 13501-6:2014.

Product description

The coaxial cable family, 23VATC - PVC CCS, 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	
23 VATC - PVC CCS	0.8±0.02mm Copper Clad Steel Conductor, 3.5±0.1mm PE Insulation, Al Foil, Braid, PVC Jacket OD = 5.1mm

Foam

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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
23 VATC - PVC BC	H	1	135mm	≤ 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 coaxial 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.

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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

Brand Name	Cable Identification	Conductor Size	Reaction to Fire Classification
Zircon CCS122AL LSZH	23 VATC - PVC CCS	0.502mm ²	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.

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