Classification Report

BASEC Client	**Caleb Cable Industrial Limited**
Report No.	KCPR1109-7 Classification
	Number of pages in this Report: 6
Issue Date	**19 December 2016**

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

Authorised by: I McGuinness Laboratory Manager

Issue Date: 19 December 2016

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BASEC Report No: KCPR1109-7 Classification

Introduction

This classification report defines the classification assigned to the product, Screened Core & Pair Cable PVC/LSF cables, 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:	**Caleb Cable Industrial Limited**
Prepared for:	**Caleb Cable Industrial Limited**
Place of Manufacture:	**107 Luyuan Road, Ke Yuan Cheng, Tangxia, Dongguan, 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:	**Screened Core & Pair Cable PVC/LSF**
Classification Report No.	**KCPR1109-7 Classification**
Issue number:	1
Date of issue:	**19 December 2016**

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

BASEC Report No: KCPR1109-7 Classification

Details of classified product

General

This classification report defines the classification for the Screened Core & Pair Cable PVC/LSF cables in accordance with the procedures given in BS EN 13501-6:2014.

Product description

The Screened Core & Pair Cable PVC/LSF cables are as described in Sample details below.

Traceability

The test samples submitted by the manufacturer and received on 14 November 2016.

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	
Screened Core & Pair Cable PVC/LSF 1x2x24AWG	*24 AWG copper conductor, PVC/LSF insulation, laminated aluminium tape, drain wire, PVC/LFSF jacket: 4.0mm OD*
Screened Core & Pair Cable PVC/LSF 10x2x24AWG	*24 AWG copper conductor, PVC/LSF insulation, laminated aluminium tape, drain wire, PVC/LSF jacket: 9.3mm OD*

Italicised text is information supplied by the sponsor

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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
BASEC	Caleb Cable Industrial Limited	KCPR1109	BS EN 60332–1-2:2004 + A1:2015

Results

Cable	Parameter	No. tests runs	Results	
			Continuous parameter	Compliance with parameters Criterion for Class Eca
Screened Core & Pair Cable PVC/LSF 1x2x24AWG	H	1	93mm	≤ 425mm / Compliant
Screened Core & Pair Cable PVC/LSF 10x2x24AWG	H	1	111mm	≤ 425mm / 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 multicore screened 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.

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Field of application

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

Cable Identification	Product Code	Reaction to Fire Classification
Screened Core & Pair Cable PVC/LSF 3x24AWG	CC95133PVC/LSF	E_{ca}
Screened Core & Pair Cable PVC/LSF 4x24AWG	CC95134PVC/LSF	E_{ca}
Screened Core & Pair Cable PVC/LSF 6x24AWG	CC95136PVC/LSF	E_{ca}
Screened Core & Pair Cable PVC/LSF 8x24AWG	CC95138PVC/LSF	E_{ca}
Screened Core & Pair Cable PVC/LSF 10x24AWG	CC95140PVC/LSF	E_{ca}
Screened Core & Pair Cable PVC/LSF 1x2x24AWG	CC95101PVC/LSF	E_{ca}
Screened Core & Pair Cable PVC/LSF 2x2x24AWG	CC95102PVC/LSF	E_{ca}
Screened Core & Pair Cable PVC/LSF 3x2x24AWG	CC95103PVC/LSF	E_{ca}
Screened Core & Pair Cable PVC/LSF 4x2x24AWG	CC95104PVC/LSF	E_{ca}
Screened Core & Pair Cable PVC/LSF 5x2x24AWG	CC95105PVC/LSF	E_{ca}
Screened Core & Pair Cable PVC/LSF 6x2x24AWG	CC95106PVC/LSF	E_{ca}
Screened Core & Pair Cable PVC/LSF 8x2x24AWG	CC95108PVC/LSF	E_{ca}
Screened Core & Pair Cable PVC/LSF 9x2x24AWG	CC95109PVC/LSF	E_{ca}
Screened Core & Pair Cable PVC/LSF 10x2x24AWG	CC95110PVC/LSF	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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