

Classification Report



BASEC Client Borsan Kablo Elektrik Ayd San Ve Tic A.S.

Report No. R1CPRT2375-2 Classification

Number of pages in this Report: 6

Issue Date 18 July 2022

Items Tested 2 samples of Electric Cable

Specification(s) BS EN 13501-6:2014

Authorised by: I McGuinness

Laboratory Manager

Issue Date: 18 July 2022

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BASEC Report No: R1CPRT2375-2 Classification

Introduction

This classification report defines the classification assigned to the product Electric 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: Borsan Kablo Elektrik Ayd San Ve Tic A.S.
Prepared for: Borsan Kablo Elektrik Ayd San Ve Tic A.S., OSB Organize Sanayi Bulvari, No: 401 Tekkekoy, Samsun, Turkey
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: YSLYSY, YSLYQY, SY
Classification Report No. R1CPRT2375-2 Classification
Issue Number: 1
Date of Issue: 18 July 2022

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Details of classified product

General

The cable YSLYSY, YSLYQY, SY is classified in accordance with the procedures given in BS EN 13501-6:2014 and is defined as an optical fibre cable according to BS EN 50575:2014+A1:2016.

Product description

The Electric Cable is described in the 'Sample details' below.

Traceability

The test samples were submitted by the manufacturer and received on 26th April 2022.

Sample details

Parameter	Details
Test sponsor	Borsan Kablo Elektrik Ayd San Ve Tic A.S.
Manufacturer of sample	Borsan Kablo Elektrik Ayd San Ve Tic A.S., OSB Organize Sanayi Bulvari, No: 401 Tekkekoy, Samsun, Turkey
Trade name	YSLYSY, YSLYQY, SY
Sample description	<i>Class 5 Multiwire Copper Conductor, PVC Insulation, PVC Inner Sheath, Galvanised Steel Wire Braiding, PVC Sheath.</i>
Cables submitted for test	
YSLYSY, YSLYQY, SY	2x0.50 sqmm - OD = 6.4 mm 5x35 sqmm - OD = 33.3 mm

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	Borsan Kablo Elektrik Ayd San Ve Tic A.S.	R1CPRT2375	BS EN 60332-1-2:2004+A11:2016

Results

Test method	Parameter	No. tests runs	Results	
			Continuous parameter	Compliance parameters
BS EN 60332-1-2:2004 +A11:2016	H	1	2x0.50 sqmm = 97 mm 5x35 sqmm = 84 mm	≤ 425mm = Eca 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 YSLYSY, YSLYQY, SY Cable in relation to reaction to fire behaviour is classified:

E_{ca}

The additional classification in relation to smoke production is:

-

The additional classification in relation to flaming droplets / particles is:

-

The additional classification in relation to acidity is:

-

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 UKCA marking under the Construction Products Regulation, as amended by the construction Products (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/465)

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 Electric 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	Cores approved	Sizes approved	Reaction to Fire Classification
Borsan Kablo Elektrik Ayd San Ve Tic A.S.	YSLYSY, YSLYQY, SY	2 to 4	0.50sqmm to 25sqmm	E _{ca}
		5	0.50sqmm to 35sqmm	
		6	0.50sqmm to 10sqmm	
		7 , 8	0.50sqmm to 6sqmm	
		9 to 10, 12 to 16, 18 to 20	0.50sqmm to 4sqmm	
		22, 24, 25, 27, 30, 32, 33, 34, 36, 40, 42, 48, 50, 52, 61	0.5sqmm, 2.5sqmm	

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.

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