

1. Introduction

This classification report defines the classification assigned to **LAN CABLE 2x2x24AWG**, **4X2X24AWG** in accordance with the procedures given in ČSN EN 13501-6:2014 (EN 13501-6:2014)



CLASSIFICATION OF REACTION TO FIRE FOR ELECTRIC CABLES IN ACCORDANCE WITH ČSN EN 13501-6:2014 (EN 13501-6:2014)

Ningbo Exact Cables & Wire Co., Ltd. Sponsor: No. 227 Yuncai Road, Yunlong Industrial Zone, 315040 Yinzhou District, Ningbo, People republic of China ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV, s.p. Pod Lisem 129, 171 02, Prague 8 - Troja Prepared by: Czech Republic Notified Body No.: 1014 Product name: LAN CABLE 2x2x24AWG, 4X2X24AWG Classification report No.: 911812-01/01 CLASS Issue number: 1 Date of issue: 26.07.2019

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

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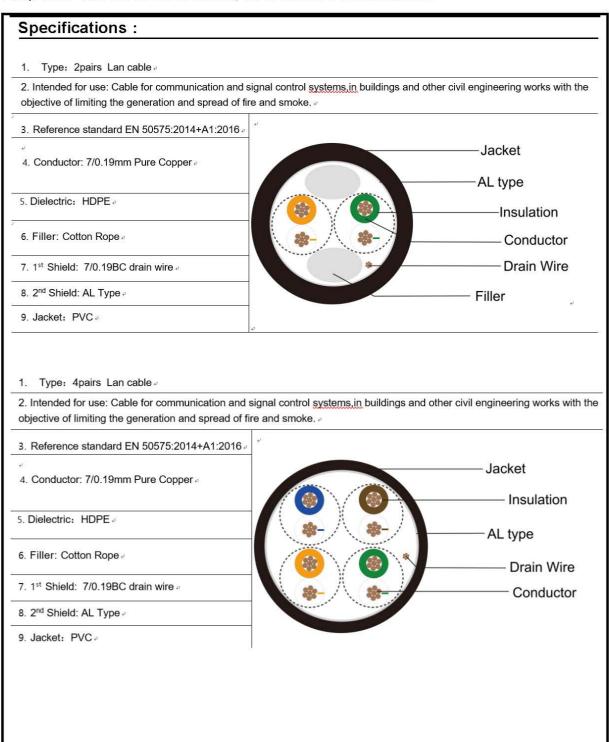
2. Details of classified product

2.1 General

The product **LAN CABLE 2x2x24AWG**, **4X2X24AWG** is defined as LAN Cable according to ČSN EN 50575 (EN 50575)

2.2 Product description

The product LAN CABLE 2x2x24AWG, 4X2X24AWG is described below



3. Reports and results in support of this classification

3.1 Reports

Enter details of report here as applicable

Name of Laboratory	Name of sponsor	Report ref. No.	Test method and date/field of application rules and date
ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV, s.p.	Ningbo Exact Cables & Wire Co., Ltd. No. 227 Yuncai Road, Yunlong Industrial Zone, 315040 Yinzhou District, Ningbo, People republic of China	911812-01/01	EN 60332-1-2

3.2 Results

			Results		
Test method and test number	Parameter	No. Tests	Continuous parameter - mean m	Compliance with parameters	
EN 60332-1-2	Flame spread H≤ 425 mm	2	N/A	Р	

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4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with ČSN EN 13501-6 (EN 13501-6).

4.2 Classification

The product **LAN CABLE 2x2x24AWG**, **4X2X24AWG** in relation to its reaction to fire behaviour is classified:

 E_{ca}

The format of the reaction to fire classification for electric cables is:

Fire behaviour	L	Smoke pro	duction		Flaming dr	oplets		Acidity	
Eca	-	-		,	H	-	,		ı,

i.e. Eca

Reaction to fire classification: Eca

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4.3 Field of application

This classification is valid for the family of LAN Cables **LAN CABLE 2x2x24AWG**, **4X2X24AWG** described in section 2 and listed below as determined in the extended application process (**EXAP**) according to CLC/TS 50576:2016

Cable Identification	Reaction to Fire Classification	Diameter (mm)	
2x2x24AWG	Eca	6.0±0.1	
4X2X24AWG	Eca	5.8±0.1	

Intended use of the product:

Net work cables are suitable for use on Local Area Network (LAN) solutions, and are available as Solid conductor for Horizontal cabling, with a variety of sheath colours.

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5. Limitations

This classification will be valid until:

- The test method remains unchanged
- Product standard or technical approval remains unchanged
- Constructional or material modifications do not exceed limits of the field of application defined in section 4.3.

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 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 the samples tested.

signature of person undertaking classification signature of person authorizing this report

| Josef Maly | Miroslav Sedláček |

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