



Classification Report No.: 802541-01/01 CLASS

1. Introduction

This classification report defines the classification assigned to **DROPX FDX12SMB/lm, DROPX FDX16SMB/lm, DROPX FDX24SMB/lm** 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)**

Sponsor:	DISCOMP s.r.o., Dopravní 1218/2a, 318 00 Plzeň 3-Skvřňany, Czech Republic
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Notified Body No.:	1014
Product name:	DROPX FDX12SMB/lm, DROPX FDX16SMB/lm, DROPX FDX24SMB/lm
Classification report No.:	802541-01/01 CLASS
Issue number:	1
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2. Details of classified product

2.1 General

The product **DROPX FDX12SMB/Im, DROPX FDX16SMB/Im, DROPX FDX24SMB/Im** is defined as fibre optic cable according to ČSN EN 50575 (EN 50575)

2.2 Product description

The product **DROPX FDX12SMB/Im, DROPX FDX16SMB/Im, DROPX FDX24SMB/Im** is described below

Rated voltage:

N/A

Conductor:

Optical fiber - glass

Insulation:

PVC

Core identification:

SM 9/125 (Corning G.657.A2)



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.	DISCOMP s.r.o., Dopravní 1218/2a, 318 00 Plzeň 3-Skvřňany, Czech Republic	802541-01/01	EN 60332-1-2

3.2 Results

Test method and test number	Parameter	No. Tests	Results	
			Continuous parameter - mean m	Compliance with parameters
EN 60332-1-2	Flame spread $H \leq 425$ mm	3	N/A	P
N/A – not applicable, P – Pass, F – Fail				



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 **DROPX FDX12SMB/lm**, **DROPX FDX16SMB/lm**, **DROPX FDX24SMB/lm** 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	Smoke production			Flaming droplets		Acidity			
E_{ca}	-	-	-	,	-	-	,	-	-

i.e. **E_{ca}**

Reaction to fire classification: E_{ca}

4.3 Field of application

This classification is valid for the family of fiber optic cable **DROPX FDX12SMB/Im, DROPX FDX16SMB/Im, DROPX FDX24SMB/Im** 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)
DROPX FDX12SMB/Im	Eca	3,8
DROPX FDX16SMB/Im	Eca	3,9
DROPX FDX24SMB/Im	Eca	4,0

Intended use of the product:

DROP fiber optic cable used for data transmission and communication inside buildings and outdoors with aim to prevent smoke and fire spread.



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.

SIGNED

signature of person undertaking classification

APPROVED

signature of person authorizing this report

Josef Malý



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