

1. Introduction

This classification report defines the classification assigned to **JE-H(St)H.. Bd FE 180 PH120** in accordance with the procedures given in ČSN EN 13501-6: ed.2:2019 (EN 13501-6:2018)



**CLASSIFICATION OF REACTION TO FIRE
FOR ELECTRIC CABLES
IN ACCORDANCE WITH ČSN EN 13501-6: ed.2:2019 (EN 13501-6:2018)**

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Notified Body No.:	1014
Product name:	JE-H(St)H... Bd FE 180 - PH120
Classification report No.:	212084-01/02 CLASS
Issue number:	1
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This classification report consists of 6 pages and may only be used or reproduced in its entirety.

2. Details of classified product

2.1 General

The product **JE-H(St)H... Bd FE 180 - PH120** is defined as Telecommunication cables according to ČSN EN 50575 (EN 50575)

2.2 Product description

The product **JE-H(St)H... Bd FE 180 - PH120** is described below

Standard:

Ref to DIN VDE 0815

Rated voltage:

225 V

Conductor:

Class 1 Solid Copper Wire

Insulation:

Cross-Linked Elastomer Silicone

Core identification:

According to DIN VDE 0815

Inner covering:

Polyester type + Glass Fiber Band + Aluminum-Polyester Band

Outer sheath:

HFFR (Halogen Free Flame Retardant)

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.	TEMKA KABLO INS. SAN. TIC. LTD. STI. Atatürk Mah. Adnan Menderes Cad. No.48/I., Esenyurt, Istanbul, the Republic of Turkey	212084-01/02	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	1	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 JE-H(St)H... Bd FE 180 - PH120 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 Telecommunication cables **JE-H(St)H... Bd FE 180 - PH120** 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)
JE-H(St)H... Bd FE 180 - PH120	Eca	6,5

Intended use of the product:

Instrumentation and control engineering, industrial electronics, computers and office machines, indoor communication systems, indoor sound systems, in places where human life and valuable materials and equipment need to be protected.



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

Josef Malý

APPROVED

signature of person authorizing this report

Miroslav Sedláček

