



TEST REPORT FOR REACTION TO FIRE

Test Report No.: 211361-01/04

Issued: 21. 6. 2021

Notified Body No. 1014

Name of product: LAN CABLE
Type of product: FTP CAT6 PVC
Ratings: E_{ca}
Serial number: -
Manufacturer: Hangzhou Chuangxiang Cable Co., Ltd.
Hongdu Industrial Area, Linglong Street, 311301 Linan,
Zhejiang, People republic of China
Production site: same as manufacturer
Ordering firm: Hangzhou Chuangxiang Cable Co., Ltd.
Hongdu Industrial Area, Linglong Street, 311301 Linan,
Zhejiang, People republic of China
Number of tested samples: 1
Samples submitted on: 9. 6. 2021
Location of testing: Elektrotechnický zkušební ústav, s. p.
Tests performed from 15. 6. 2021 through 15. 6. 2021
Other data: -
Tested according to: EN 60332-1-2:04+A1:15+A11:16+A12:20,
EN 60332-1-1:04+A1:15

Compiled by: Jiří Kašpar

Approved by: Jan Tůma
Testing laboratory technical manager

No. of pages: 3

No. of annexes: 0

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The test results stated in the test report apply only to the tested subject and unless specified otherwise in the test report, the tests were performed using the method and under the conditions determined in the test regulations, technical norm, instructions for use and information provided by the manufacturer on the tested subject and using accessories required by the manufacturer.

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Elektrotechnický zkušební ústav, s. p., Testing laboratory No. 1056 accredited by CAI according to ČSN EN ISO/IEC 17025:2018.

Test	Prescribed			Observed
Test on complete cable				
FTP CAT6 PVC				
Test for vertical flame propagation EN 60332-1-2, article 5 EN 60332-1-2, article 6				
- outer diameter		[mm]		6,6
- flame application time		[s]	60 – 480 ± 2	60
- not damage area from lower edge of the top support	min.	[mm]	50	384
- damage area from lower edge of the top support	max.	[mm]	540	479
- flame spread H	≤	[mm]	425	95

Test type: **Classification of electric cables according to reaction to fire**

Standard: EN 50575, EN 13501-6,
EN 60332-1-2, EN 60332-1-1

Test of vertical flame spread on a single cable

Cable type: **FTP CAT6 PVC**

Art. No -

Cable producer: Hangzhou Chuangxiang Cable Co., Ltd.

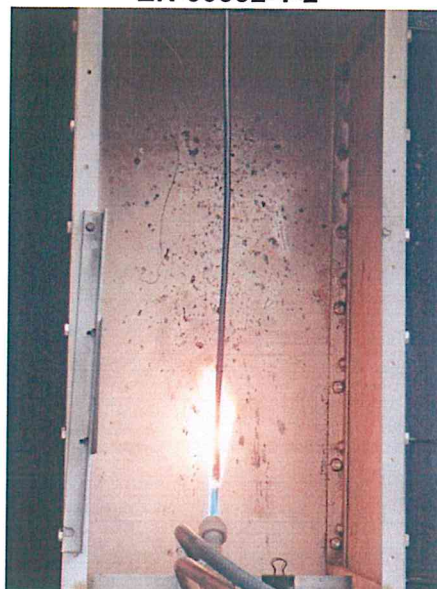
date of test: 15. 6. 2021

Classification according to EN 13501-6: E_{ca}

EN 60332-1-2



Before test



Course of the tests



After test

Measuring and testing equipment

Used	Type	Key number
X	Metter 100 cm	N 400013
X	Slide caliper	N 300306
X	Table stopwatch	551705
X	Mixed burner 1 kW	552678
X	Stainless steel screen	552963
X	Burner stand	550821
--	Profileprojector KSM	00-6323
X	Digital inclinometer Clinotronic plus	551976
X	Monitor Environment S3120E (207)	N 500014

If an uncertainty of measurement is given, the expanded a measurement uncertainty is the product of the standard measurement uncertainty and coverage factor $k = 2$, which corresponds to a coverage probability of approximately 95% in a normal distribution.

Laboratory conditions during the test were in accordance with specifications of the standards listed on the first page of this test report.

Compiled by: Jiří Kašpar



The end of the Test Report