



## TEST REPORT FOR REACTION TO FIRE

Test Report No.: 913017-01/01

Issued: 25. 11. 2019

Notified Body No. 1014

**Name of product:** Cables  
**Type of product:** MASTERLAN LSZH 2F  
**Ratings:** MASTERLAN LSZH 2F F<sub>ca</sub>

**Serial number:** --  
**Manufacturer:** DISCOMP s.r.o., Cvokařská 1216/8, 312 00  
Plzeň 4 - Lobzy , Czech Republic  
**Production site:** same as manufacture  
**Ordering firm:** DISCOMP s.r.o., Cvokařská 1216/8, 312 00  
Plzeň 4 - Lobzy , Czech Republic

**Number of tested samples:** 1  
**Samples submitted on:** 14. 11. 2019  
**Location of testing:** Elektrotechnický zkušební ústav, s. p.  
**Tests performed** from 19. 11. 2019 through 19. 11. 2019  
**Other data:** -  
**Tested according to:** EN 60332-1-1:04+A1:15  
EN 60332-1-2:04+A1:15+A11:16

Compiled by: Přetislav Dušek



Approved by: Jan Tůma  
Testing laboratory technical manager

No. of pages: 4

No. of annexes: 0

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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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Test	Prescribed			Observed
<b>Test on complete cable</b>				
<b>MASTERLAN LSZH 2F</b>				
Test for vertical flame propagation EN 60332-1-2, article 5 EN 60332-1-2, article 6				
- outer diameter		[mm]		3,5
- flame application time		[s]	60	60
- not damage area from lower edge of the top support	min.	[mm]	50	0
- damage area from lower edge of the top support	max.	[mm]	540	471
- flame spread H	≤	[mm]	425	471

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: **MASTERLAN LSZH 2F**

ID No. --

Cable producer: DISCOMP s.r.o.

date of test: 19. 11. 2019

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

EN 60332-1-2



Before test



Course of the tests



After test

Test	Prescribed			Observed
<b>Test on complete cable</b>				
<b>MASTERLAN LSZH 2F</b>				
Test for vertical flame propagation EN 60332-1-2, article 5 EN 60332-1-2, article 6				
- outer diameter		[mm]		3,5
- flame application time		[s]	60	60
- not damage area from lower edge of the top support	min.	[mm]	50	0
- damage area from lower edge of the top support	max.	[mm]	540	472
- flame spread H	≤	[mm]	425	472

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: **MASTERLAN LSZH 2F**

ID No. --

Cable producer: S.C. CABLETEAM S.R.L.

date of test: 19. 11. 2019

Classification according to EN 13501-6: **F<sub>ca</sub>**

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	259
X	Table stopwatch	551705
X	Test under fire conditions	20 780

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: Břetislav Dušek

