ISSeP
Institut scientifique de service public
Métrologie environnementale
Recherche - Analyses
Essais - Expertises

**Siège social et site de Liège :**
Rue du Chéra, 200
B-4000 Liège
Tél : +32(0)4.229.83.11
Fax : +32(0)4.252.46.65
**Site web :** http://www.issep.be

**Site de Colfontaine :**
Zoning A. Schweitzer
Rue de la Platinerie
B-7340 Colfontaine
Tél : +32(0)65.61.08.11
Fax : +32(0)65.61.08.08

**NOTIFIED BODY**
**Nr 2659**

BELAC
N° 060-TEST
ISO 17025

Liège, 7th June 2017.

# TEST REPORT

**Nr 2435-1/2017**

INTERNATIONAL ELECTROTECHNICAL COMMISSION

| | |
|---|---|
| **IEC 60332-1-2**<br>**1st edition 2004**<br>**AMD1: 2015** | **TESTS ON ELECTRIC AND OPTICAL FIBRE CABLES UNDER FIRE CONDITIONS**<br>**Part 1-2: Test for vertical flame propagation for a single insulated wire or cable - Procedure for 1 kW pre-mixed flame** |

1. Tests applied for by: SGS Belgium NV – Division SGS CEBEC, Bld Internationalelaan 55/D, B-1070 Brussels.

2. Type of cable (*: information given by the sponsor):
   ISSeP nr: LCF/EE/17/65/3.
   *Reference: U/UTP CAT5E Lan Cable.
   Cable marking: -.
   Manufacturer: Hangzhou Risingsun Cable Co., Ltd.
   Diameter: ~ 5.2 mm.
   Colour of the outer sheath: grey.
   Date of samples reception: 24th April, 2017.
   The product is defined as a communication cable according to EN 50575:2014/A1:2016.

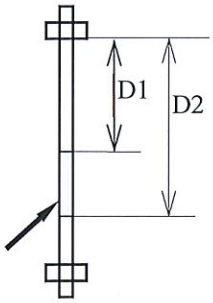
3. Sampling: not carried out by the laboratory. SGS nr 11658.

4. Procedure: see §. 5 of IEC 60332-1-2:2004/Amd1:2015 standard.

5. Date of the test: 25th April 2017.

6. Results:

   Test nr: CVU/1822
   Duration of flame application: 60 s
   Time to ignition: 1 s
   After flame duration: 15 s
   Distance D1: 41 cm
   Distance D2: 51 cm




7. Classification:

**Cable described in 2 meets the requirements of annex A of IEC 60332-1-2.**

M. DEVILLERS,
Test Operator.

S. DESMET,
Test Executive.

Wallonie

Remarks : - This test report testifies only to the performances of the object actually tested, and does not presume of performance of similar object;
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Liège, 7th June 2017

# CLASSIFICATION REPORT

**Nr 2435-2/2017**

**EUROPEAN STANDARD**

| | |
|---|---|
| **EN 13501-6**<br><br>**March 2014** | **Fire Classification of construction products and buildings elements**<br><br>**Part 6: Classification using data from reaction to fire test on electric cables** |
| **2006/751/EC**. COMMISSION DECISION of 27 October 2006 amending Decision 2000/147/EC implementing Council Directive 89/106/EEC as regards the classification of the reaction-to-fire performance of construction products | |

1. Classification requested by: SGS Belgium NV – Division SGS CEBEC, Bld Internationalelaan 55/D, B-1070 Brussels.

2. Type of cable (*: information given by the sponsor):
   ISSeP nr: LCF/EE/17/65/3.
   *Reference: U/UTP CAT5E Lan Cable.
   Cable marking: -.
   Manufacturer: Hangzhou Risingsun Cable Co., Ltd.
   Diameter: ~ 5.2 mm.
   Colour of the outer sheath: grey.
   Date of samples reception: 24th April, 2017.
   The product is defined as a communication cable according to EN 50575.

3. Sampling: not carried out by the laboratory. SGS nr 11658.

4. Classification:

   Test according to EN 60332-1-2 (see report ISSeP nr 2435-1/2017) : H < 425 mm

The cable described in 2 belongs to Euroclass $E_{ca}$.

H. BREULET,
Test Executive.

Wallonie

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