

TEST REPORT

No. : SHIN170903204CCM

Date : Oct. 20, 2017

Page: 1 of 4

CUSTOMER NAME: JIAXING HAITANG ELECTRONICS CO., LTD.
ADDRESS: 1ST JINGGONG RD., YANDONG VILLAGE, WUYUAN TOWN, HAIYAN,
ZHEJIANG, CHINA

Sample Name : U/UTP CAT6 IEC60332-3C

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Test Required : IEC 60332-3-24:2009 Tests on electric and optical fibre cables under fire conditions - Part 3-24: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category C

SGS Ref. No. : IN-SH-CP-5612-17145

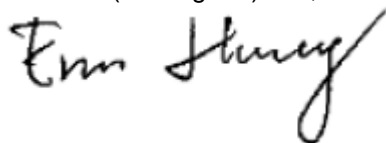
Date of Receipt : Sep. 30, 2017

Testing Start Date : Sep. 30, 2017

Testing End Date : Oct. 19, 2017

Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services (Shanghai) Co., Ltd.



Erin Huang
Authorized signatory



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Date : Oct. 20, 2017

Page: 2 of 4

I. Test conducted

This test was conducted as per IEC 60332-3-24:2009 Tests on electric and optical fibre cables under fire conditions - Part 3-24: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category C.

II. Sample details

Sample description	Cable
Color	Orange
Overall diameter	6.5 mm
Max cross-sectional area of conductor	<35 mm ²
Specimen length	3.5 m
Number of Specimen	61

Conditioning

Prior to testing, the test pieces forming the test sample was conditioned at a temperature of (23±10) °C for at least 16 h.

Mounting of the test sample:

Type of ladder which is used: Standard ladder

Means of attach test pieces: Each test piece shall be attached either individually on as part of an array to each rung of the ladder by mean of metal wire (steel or copper) between 0.5mm and 1.0mm in diameter.

Mounting position on the ladder: Front face

Positioning of test pieces: Touch

The number of arrays, layers, and number of test pieces in each array, layer etc.: 2 layers,

Layer 1. 44 test pieces;

Layer 2. 17 test pieces

The width of each single layer: 1st: 300 mm; 2nd : 116 mm

Number of burner: 1

Flame application time: 20min



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Testing Center Commercial Construction Material Laboratory

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Page: 3 of 4

IV. Test results

The time to extinction of all burning after the burner is extinguished (min)	20
The maximum extent of damage (m)	1.6

Recommended performance requirement

The maximum extent of the charred portion measured on the sample shall not have reached a height exceeding 2.5 m above the bottom edge of the burner.

Statements:

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test. They are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

The specimen was supplied by the sponsor and SGS-CSTC lab was not involved in any selection or sampling procedure.

Conclusion:

According to the test results, the submitted sample meets the recommended performance requirements specified in IEC 60332-3-24:2009.

Note: The test was performed by SGS other internal laboratory.



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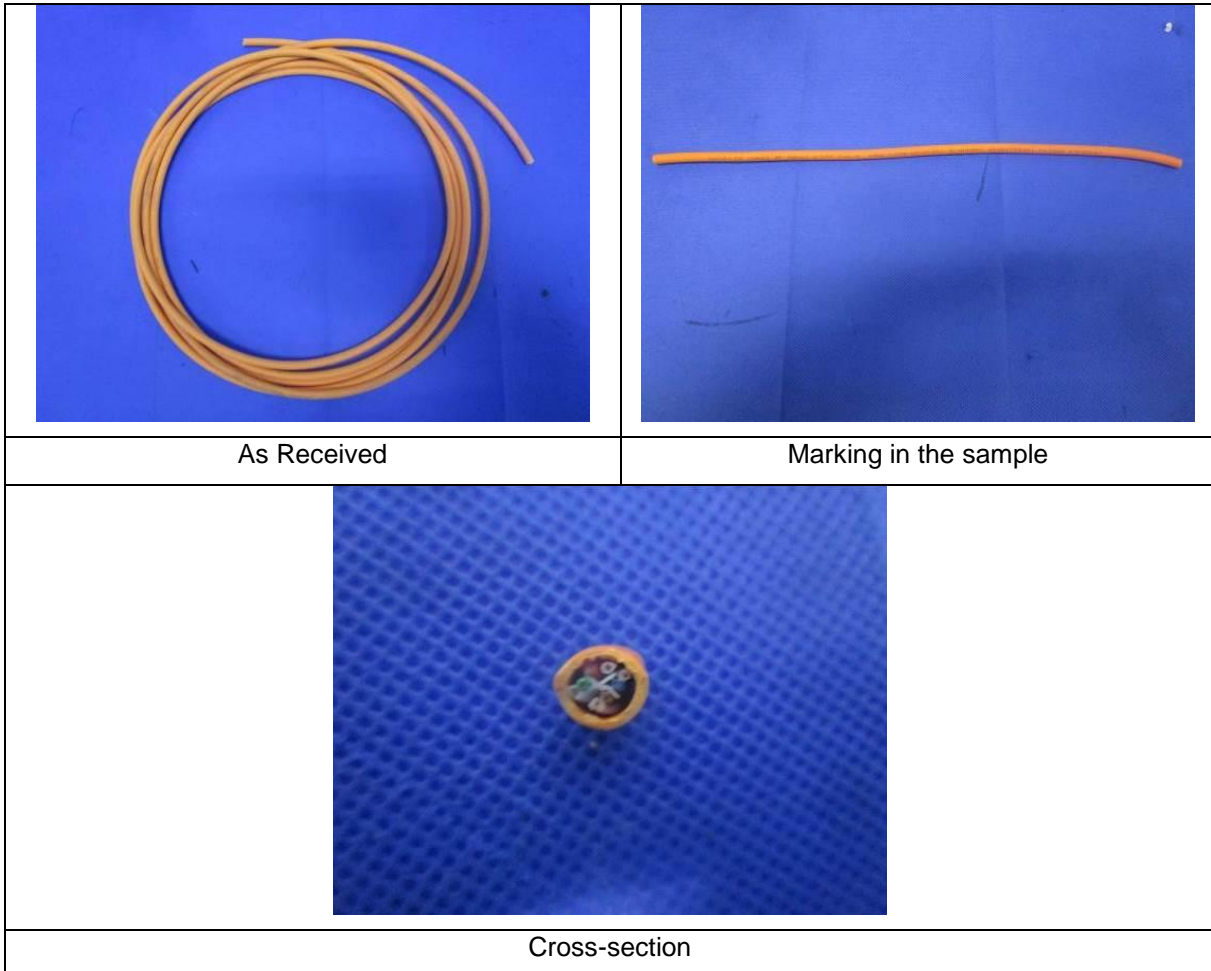
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Page: 4 of 4

Sample photos:



***** End of report*****



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