

Test Report

No. CZFS2402000145FF

Date: Mar. 5, 2024

Page 1 of 4

ZHEJIANG DAHUA VISION TECHNOLOGY CO., LTD.

No. 1399, Binxing Road, Binjiang District, Hangzhou, Zhejiang, China

Sample Name: Network Cable

SGS Ref No.: GZES2401001652CO

Sampling: Test sample(s) were collected by SGS Fimko authorized person. SGS Fimko takes responsibly for the authenticity of the samples

Test Requested:

EN 60332-1-2:2004+A12:2020 Tests on electric and optical fibre cables under fire conditions – Part 1-2: Test for vertical flame propagation for a single insulated wire or cable – Procedure for 1 kW pre-mixed flame.

Test Results: --- See attached sheet ---

Test Period:

Sample Receiving Date : February 21, 2024
Test Performing Date : February 21, 2024 TO February 24, 2024

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Changzhou) Co., Ltd

Matthew Fang
Approved Signatory



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I. Test conducted

This test was performed in accordance with EN 60332-1-2:2004+A12:2020 Tests on electric and optical fibre cables under fire conditions – Part 1-2: Test for vertical flame propagation for a single insulated wire or cable – Procedure for 1 kW pre-mixed flame.

II. Sample details

Description*	Network Cable
Model*	DH-PFM923I-6UN-CC
Designation type*	DH-PFM923I-6UN-CC
Generic construction*	Cu / HDPE / Separator: PE / Rip cord / LSZH
Number of cores*	8
Color of sheath	White
Overall diameter ¹⁾	6.1mm
Marking	ZHEJIANG DAHUA VISION TECHNOLOGY CO., LTD. DH-PFM923I-6UN-CC UTP CAT6 LSZH 4PAIRS CPR EN50575 Cca CERTIFIED Q/DXJ 067-2019 100496 2023/11/01 154m
Specimen length	600mm
Manufacturer*	Zhejiang Dahua Vision Technology Co., Ltd.
Address of Manufacturer*	No. 1399, Binxing Road, Binjiang District, Hangzhou, Zhejiang, China

*: Provided by the applicant.

This product is defined as Communication cable according to EN 50575.



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III. Test details

Conditioning: Before testing, all test pieces were conditioned at (23±5) °C for not less than 16h at a relative humidity of (50±20) %.

IV. Test results

Flame application time: 60s

Items	1 st
Distance from the lower edge of the top support to the upper onset of charring (mm)	396
Distance from the lower edge of the top support to the lower onset of charring (mm)	497
Distance from the upper onset of charring (above the flame application point) to the lower onset of charring (below the flame application point) (mm)	101
Afterflame time after the burner removed (s)	55
Afterglow time (s)	0

EN 60332-1-2:2004+A12:2020 Annex A (informative) Recommended performance requirements

- 1) The single insulated conductor or cable shall pass the test if the distance between the lower edge of the top support and the onset of charring is greater than 50 mm.
- 2) Additionally, in order to pass the test, the distance from the upper onset of charring (above the flame application point) to the lower onset of charring (below the flame application point) shall not be in excess of 425 mm.
- 3) In addition, a failure shall be recorded if charring extends downwards to a point greater than 540 mm from the lower edge of the top support.

If a failure is recorded, two more tests shall be carried out. If both tests result in passes, the single insulated conductor or cable shall be deemed to have passed the test.

Conclusion:

The submitted sample **meets** the above recommended performance requirements.

Statements:

This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.

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 Standards Technical Services (Changzhou) Co., Ltd was not involved in any selection or sampling procedure.



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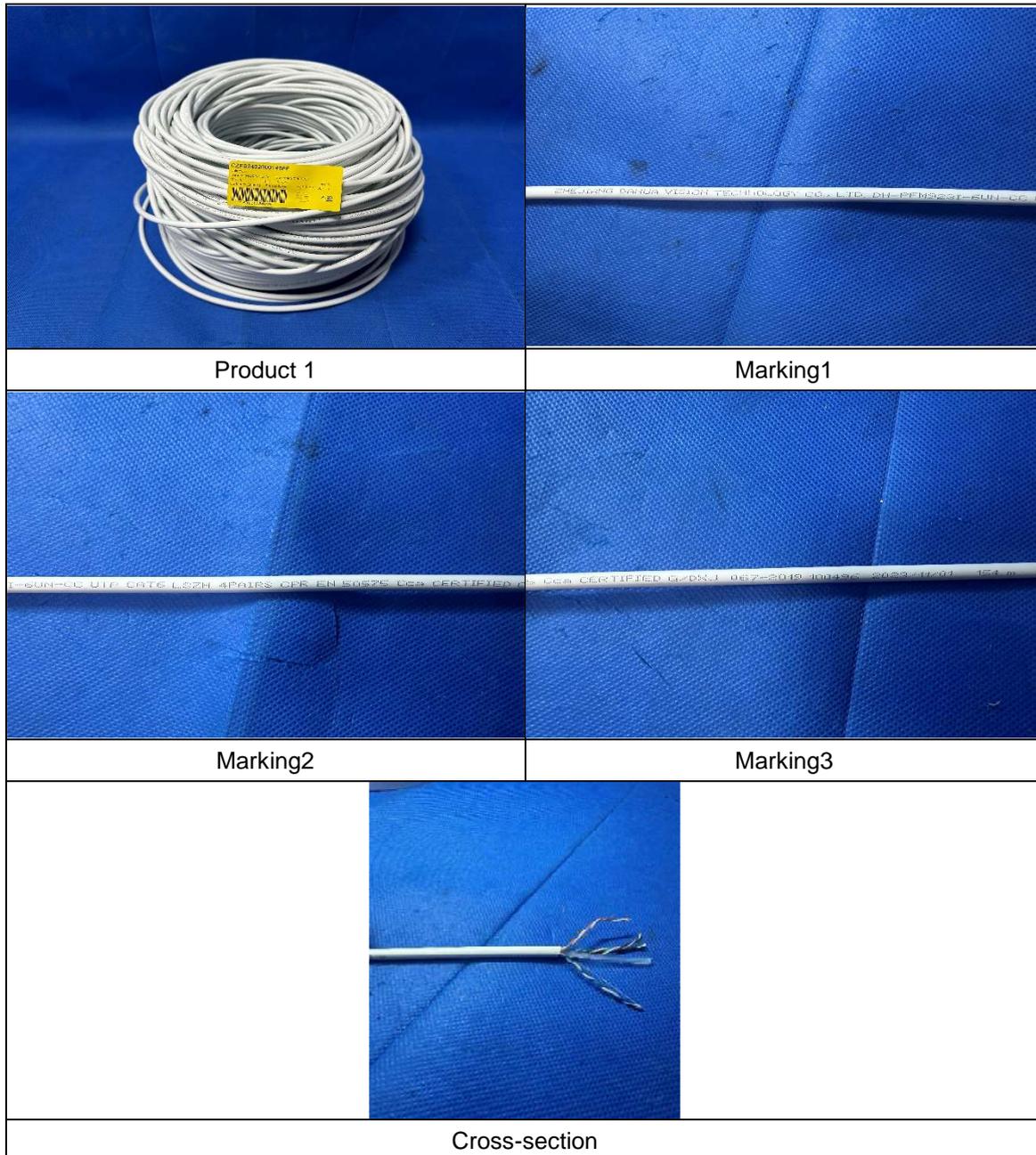
No. CZFS2402000145FF

Date: Mar. 5, 2024

Page 4 of 4

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Photo Appendix:



SGS authenticate the photo on original report only

End of Report



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