



TEST REPORT: 2023300184-E
中国认可
国际互认
检测
TESTING
CNAS L0698

TEST REPORT

SUBMITTED: Henan Huadong Cable Co., Ltd.

PRODUCT: Fire-resistant mineral insulated cable
NG-A (BTLY) -0.6/1kV 5×16

TEST CATEGORY: Type test (safety performance test)



Sichuan Fire Research Institute of MEM(SCFRI)

National Quality Inspection and Testing Center for Fire Building Materials (NFTC)

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Official Account

SICHUAN FIRE RESEARCH INSTITUTE OF MEM
National Quality Inspection and Testing Center for Fire
Building Materials

Test Report

No.: 2023300184-E

Page 1 of 3

Product	Fire-resistant mineral insulated cable	Type Specification	NG-A (BTLY) -0.6/1kV 5×16
Sponsor	Henan Huadong Cable Co., Ltd.	Trademark	/
Manufacturer	Henan Huadong Cable Co., Ltd.	Test Category	Type test (safety performance test)
Submitted by	Henan Huadong Cable Co., Ltd.	Sampling base	1000m
Sampled by	SICHUAN FIRE RESEARCH INSTITUTE OF MEM	Sampling Date	2023.04.14
Sampling Site	Company finished goods warehouse	Sample Arrival Date	2023.04.17
Testing Site	National Quality Inspection and Testing Center for Fire Building Materials	Test Date	2023.04.24
Sample Quantity	6m	Sample No.	YP23001449
Test Standard	GB/T 19216.21-2003 Tests for electric cables under fire conditions—Circuit integrity—Part 21: Procedures and requirements—Cable of rated voltage up to and including 0.6 / 1.0 kV		
Test Items	Circuit integrity		
Test Conclusions	<p>As the result of the tests, circuit integrity of NG-A (BTLY) -0.6/1kV 5×16 fire-resistant mineral insulated cable meet the requirements of GB/T 19216.21-2003.</p> <p>(The following is blank)</p> <div style="text-align: center;">  <p>Testing Seal</p> <p>Issued Date: 2023.04.25</p> </div>		
Note	<p>GB/T 19216.21 test: the supply fire temperature 950 °C -1000 °C, subject to fire time 180min.</p> <p>The product name of the products sent for inspection is the enterprise's own name, this report is only responsible for the inspection project.</p> <p>This English version report was traslated from chinese report No.2023300184.</p>		
Approved by:		Checked by:	 Tested by: 

SICHUAN FIRE RESEARCH INSTITUTE OF MEM
National Quality Inspection and Testing Center for Fire Building
Materials

Collection Sheet of Test Results

No.: 2023300184-E

Page 2 of 3

No.	Test item	Test Method	Tech.Index	Test Result	Conclusion
1	Circuit integrity	GB/T 19216.21-2003	After 90 min of burning and 15 min of cooling ,circuit keep integrity	After 180 min of burning and 15 min of cooling ,circuit keep integrity	Passed
	The	following	is	blank	
Note					

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SICHUAN FIRE RESEARCH INSTITUTE OF MEM
National Quality Inspection and Testing Center for Fire Building
Materials

Test Report

No.: 2023300184-E

Page 3 of 3

Manufacturer	Henan Huadong Cable Co., Ltd.		
Address	The North Side of the West Section of Yunxiang Road, Xiuwu County, Jiaozuo City, Henan Province, P.R.China		
Zip code	/		
Contact number	18603718676	Fax	/

Product Description:

The fire-resistant mineral insulated cable is composed of copper conductor, mica tape composite insulation (4 layers of mica tape wrapping, the overlap is 35%), filler, aluminum sheath, PE separation layer, oxygen barrier layer and low-smoke halogen-free outer sheath, etc. .(The above information shall be provided by the submitter)

During the fire test for circuit integrity, applied voltage for the specimen was rated voltage 0.6/1kV, exposure to fire temperature was 950°C~1000°C.

Inspection place: Yuzui Test Base, Dujiang Village, Dujiangyan City, Sichuan Province.

Before fire test for circuit integrity



After fire test for circuit integrity

