




Report No. TC.20.05.001722

Date of Issue 05/22/2020

Applicant: Caledonian Cables Limited

Applicant address: 1/F.,CMA Building,64-66 Connaught Road Central

Description of the test subject:

Sample	Description	Photo
001	Name :600/1000 FRL-MW-1SU-PH15/30 1C*1mm2 Style No. :FRL-MW-1SU-PH15/30 Manufacturer : Caledonian Cables Limited	

Receipt Date of Sample: 05/11/2020

Date of Testing: From 05/11/2020 to 05/22/2020

Sample submitted: The sample(s) was (were) submitted by applicant and identified.

Conclusion:

Test Items			Result
No.	Items	Standard	
1	Fire Resistance Test	Ref. EN 50200-2015	Pass

Note: (1) General Terms & Conditions as mentioned overleaf,(2)The results relate only to the items tested,(3)The test report shall not be reproduced except in full without the written approval of the company. (4) Samples are tested as received.



Report No. TC.20.05.001722

Date of Issue 05/22/2020

Test Results

1. Ref. EN 50200-2015 Method of test for resistance to fire of unprotected small cables for use in emergency circuits

No.	Test Item	Requirement	Evaluation
1	Resistance to fire of cables		
1.1	<p>830°C</p> <p>Flame time: 60min, the shock producing device impacted the wall after 5min from activation and subsequently at 5min intervals. After 15 min and with the flame and shock still being applied, the water spray was started. The application of water continued until the end-point of the test. The output of water from the bar was at a flow rate of 0.80 l/min. The tube was capable of adjustment such that the resulting water spray was centralized around the burned portion of the test sample.</p> <p>Bending radius was about 330mm, apply rated voltage 1000V</p> <p>Fixings type: U-bolts, P-clips</p> <p>Mounting: Use the U-bolts to attach the test sample to the upper horizontal elements of the test ladder and use the P-clips to attach the test specimen to the central vertical elements of the test ladder.</p>		
	Whether the fuses rupture during the period of the test	None of the fuses ruptures during the period of the test	Pass
	Whether the lamp is extinguished during the period of the test	None of the lamp is extinguished during the period of the test	Pass

Test results are just for client internal reference.

Changzhou Jinbiao Railway Transportation Technical Service Co., Ltd.

Drafted by:

Lynn Liu

Lynn liu

Approved by:

Shen Hui

Shen hui

-End of Report-

Note: (1) General Terms & Conditions as mentioned overleaf, (2) The results relate only to the items tested, (3) The test report shall not be reproduced except in full without the written approval of the company. (4) Samples are tested as received.