

Drag Chain Test report

Approval	Review	Tester	Test report No.	Date
Guangbo NIE	David Lee	Juan Wong	FC1903006	2019.03.06

1. Testing purposes

The data of test report is to verify the movement of the wire in the drag chain. The test is the drag chain movement bending test.

2. Sample specifications

Description: Towline type Cat6a industrial cable 4*2*26AWG

Length: 2m

3. Test environment

Temperature: 23±3°C

Humidity: 50±20%

4. Access voltage (test machine): 220V

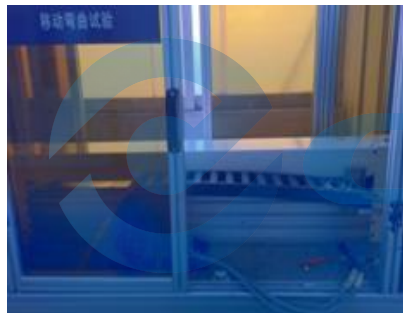
5. Move bending test

5.1. Take the sample from the product and fix it on the towline experimental device according to the method shown below;

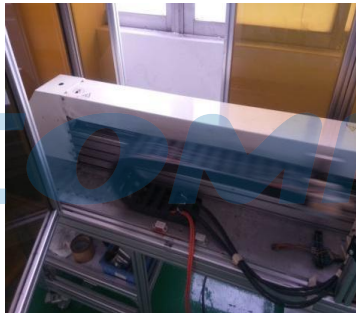
5.2. Bending radius $r = 7.5D$; drag chain movement stroke $S = 900\text{mm}$;

5.3. Tested at the speed of 90 r/m

5.4. More than 10,000,000 round trips without disconnection



Before rest



Testing



Test results

6. Test results

6.1. Actual test round trip times: 14,390,398 times

6.2. The sample has passed the 10 million core wire continuity test, no disconnection, in line with the enterprise standard requirements.