TTK S.A.S

R&D Service

7 Allée des Châtaigniers

78190 TRAPPES

France

Trappes, France

23th May, 2019

**UL719 ABRASION TEST DECLARATION**

We hereby declare that the cables below have undergone an UL719 test for abrasion resistance of jacket on flat cable.

This standard consists of performing an abrasion test on an electrical cable and check how many cycles of abrasions (an abrasion cycle is equivalent to a round-trip of an abrasive tool on the cable) resists the cable before being disemboweled.

This test performed by UL confirms that our cables withstand on average:

* 44 cycles for FG-AC / ACS / ACX
* 38 cycles for FG-EC / ECS / ECX
* More than 70 cycles for FG-OD / ODR / ODC



GUTH Nicolas

Quality manager

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