



Fraunhofer

TESTED[®] DEVICE

LAPP KOREA LLC
CLEANROOM 8110 7G1.5
Report No. LA 2606-1779

Single product Particle Emission in Cleanroom (atmospheric)

Qualification Certificate

This is to certify that the product mentioned above, provided by

LAPP KOREA LLC
Gyeonggi-do, Republic of Korea

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number LA 2606-1779.

The cable ÖLFLEX CLEANROOM FD 8110 MC 7G1.5 mm² (color: black) was assessed in compliance with ISO 14644-14. When operated under the specified test conditions (room temperature: 22 °C ± 0.5 °C; relative humidity: 45 % ± 5 %), it is suitable for use in cleanrooms fulfilling the specifications of the following Air Cleanliness Classes according to ISO 14644-1:

Test parameter(s)	Air Cleanliness Class
$v_1 = 0.5 \text{ m/s}; a_1 = 1.0 \text{ m/s}^2$	1
$v_2 = 1.0 \text{ m/s}; a_2 = 2.0 \text{ m/s}^2$	1
$v_3 = 2.0 \text{ m/s}; a_3 = 4.0 \text{ m/s}^2$	1
Overall result	1

Please note: Transport damages, incorrect installation, aging behavior etc. can influence the test result.

LA 1904-1112
Report No. first document

Stuttgart, May 28, 2019
Place, date of first document issued

LA 2606-1779
Report No. current document

Stuttgart, June 25, 2026
Place, current date

on behalf of 
Dr.-Ing. Frank Bürger, head of business unit Testing and Certification

This document only applies to the named product in its original state and is valid for a period of 5 years from the current date the document was issued. The document can be verified under www.tested-device.com.

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.

The norms stated generally refer to the version valid at the time of the tests.