



valid until: February 20, 2030

Fraunhofer

TESTED[®] DEVICE

LAPP KOREA LLC
FD 8711 C MC 7x0.34
Report No. LA 2410-1570

Single product Outgassing Behavior VOC/SVOC

This document only applies to the named product in its original state and is valid for a period of 5 years from the date the first 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.

Qualification Certificate

This is to certify that the product mentioned above, provided by
LAPP KOREA LLC
Hwaseong-si, Republic of Korea

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number LA 2410-1570.

The outgassing behavior of the cable system CLEANROOM FD 8711 C MC 7 x 0.34 mm² (color: black) at the stated temperatures was investigated according to ISO 14644-15. Based on the outgassing rates determined for the specific units, the following material classification was made for the corresponding Contaminant Category:

Contaminant Category (x)	SER _u ¹⁾ 23 °C [g/unit*s]	ISO-ACC _e Class (x) based on 23 °C
VOC	1.7 x 10 ⁻⁹	-8.8
SVOC	< 2.8 x 10 ⁻¹³	< -12.6
Amines	< 2.8 x 10 ⁻¹³	--
Organophosphates	< 2.8 x 10 ⁻¹³	--
Siloxanes	< 2.8 x 10 ⁻¹³	--
Phthalates	< 2.8 x 10 ⁻¹³	--

¹⁾ SER_u: Unit-specific emission rate

LA 2410-1570
Report No. first document

Stuttgart, February 20, 2025
Place, date of first document issued

--
Report No. current document

--
Place, current date

on behalf of
Dr.-Ing. Frank Bürger, Project Manager Fraunhofer IPA