



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

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 _c Class (x) based on 23 °C
VOC	1.7×10^{-9}	-8.8
SVOC	$< 2.8 \times 10^{-13}$	< -12.6
Amines	$< 2.8 \times 10^{-13}$	--
Organophosphates	$< 2.8 \times 10^{-13}$	--
Siloxanes	$< 2.8 \times 10^{-13}$	--
Phthalates	$< 2.8 \times 10^{-13}$	--

¹⁾SER_u: Unit-specific emission rate

LA 2410-1570
Report No. first document

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

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Report No. current document

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Place, current date

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

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.