

Fraunhofer

TESTED® DEVICE

LS Cable & System Ltd. e-Flatek-160401

Report No. LS 1605-824

Particle Emission

Qualification Certificate

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

LS Cable & System Ltd.
Gunpo-si, Gyeonggi-do, Republic of Korea

bearing the report number LS 1605-824.

has been awarded a Fraunhofer certificate TESTED DEVICE

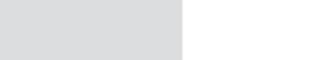
When operated under the specified test conditions, the cable system e-Flatek-160401 (color: white) is suitable for use in clean-rooms fulfilling the specifications of the following Air Cleanliness Class according to ISO 14644-1:

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

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

Stuttgart, June 17, 2016

on behalf of A Burger Project manager Fraunhofer IPA



The validity of this certificate applies only to the mentioned product in this particular condition for a duration of

5 years.

Further information: www.tested-device.com

