



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

NICHIGOH CABLE  
RO-FLEX I II III S 0.14 x 1P  
Report No. NI 1404-703

### Qualification Certificate

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

**Nichigoh Communication Electric  
Wire Co., Ltd.**  
Iga-City, Mie, Japan

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number NI 1404-703.

The cable system RO-FLEX I II III S 0.14 x 1P is suitable for use in cleanrooms fulfilling the specifications of the following air cleanliness classes:

Parameter	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
<b>Overall result</b>	<b>1</b>

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

Stuttgart, May 16, 2014

i.A.   
Project manager

DUPLICATE

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](http://www.tested-device.com)