



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

TKD Kabel GmbH  
KAWEFLEX 3321 CLEANLINE  
**Report No. KA 0409-308**

DUPLICATE

### Qualification Certificate

This is to certify that the product mentioned below provided by the company

#### TKD Kabel GmbH

Karl-Benz-Straße 20  
72124 Pliezhausen  
Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number KA 0409-308.

The cable system KAWEFLEX 3321 CLEANLINE is at the velocities  $v_1=0.2$  m/s and  $v_2=0.6$  m/s suitable for use in cleanrooms fulfilling the Air Cleanliness Class 3 according to ISO 14644-1.

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

The validity of this certificate applies only to the above mentioned product in this particular condition. For further information visit our website at [www.ipa-qualification.com](http://www.ipa-qualification.com).

Stuttgart, September 28, 2004

i.A.   
Project manager