



Fraunhofer TESTED[®] DEVICE

LEONI Cable systems
Cleanroom Line (CRL)
Report No. LE 0705-405

DUPLIKAT

IPA Qualification Certificate

This is to certify that the products mentioned below manufactured by the company

LEONI Kabel GmbH

Stieberstraße 5
D-91154 Roth

have been awarded an IPA Qualification Seal bearing the report number LE 0705-405.

The following models of cable systems operated at the velocities listed below are suitable for use in cleanrooms fulfilling the corresponding air cleanliness specifications in accordance with ISO 14644-1.

Type	Velocity and Air Cleanliness Class according to ISO 14644-1			
	$v_1 = 0.2 \text{ m/s}$	$v_2 = 0.6 \text{ m/s}$	$v_3 = 1.2 \text{ m/s}$	$v_4 = 2.0 \text{ m/s}$
LEONI Cleanroom Line (CRL) LEC 002686 Rev.0	2	2	3	4
LEONI Cleanroom Line (CRL) LEC 002463 Rev.0	3	3	3	4

Detailed information and parameters of the test environment can be found in the IPA Test Report compiled by the Fraunhofer Society.

Certified on 19th June 2007.

The duration of the validity of this certificate is unlimited. For further information visit our website at <http://www.ipa-qualification.com>.

Stuttgart, Germany, 19th June 2007

on behalf of

