



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

Hitachi Cable (HCM)  
EcoFlex

**Report No. HI 1002-508**

DUPLICATE

### Qualification Certificate

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

#### Hitachi Cable Manchester Inc.

900 Holt Avenue  
Manchester, NH 03109  
USA

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number HI 1002-508.

When the cable is being operated at velocities 0.5 m/s and 1.0 m/s, it is suitable for use in cleanrooms fulfilling the Air Cleanliness Class 1 according to ISO 14644-1.

When the cable is being operated at velocity 2.0 m/s, it is 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, February 25, 2010

i. A.   
Project manager