



Fraunhofer

TESTED[®] DEVICE

HITACHI CABLE, LTD. cable series
RBT V/UL2464(FA)/UL2570(FA)
Report No. HI 0901-470

DUPLICATE

Qualification Certificate

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

HITACHI CABLE, LTD., HITAKA WORKS

has been awarded a Fraunhofer IPA Qualification Seal bearing the report number HI 0901-470.

Type	Air Cleanliness Class (in accordance with ISO 14644-1)		
	v ₁ =0.5 m/s	v ₂ =1.0 m/s	v ₃ =2.0 m/s
UL2464(FA) 2 x 28AWG	ISO Class 1	ISO Class 1	ISO Class 2
UL2464(FA) 5P x 25AWG	ISO Class 1	ISO Class 1	ISO Class 1
UL2464-SX(FA) 20P x 23AWG	ISO Class 1	ISO Class 4	ISO Class 4
UL2570(FA) 5 x 16AWG	ISO Class 5	ISO Class 5	ISO Class 6
UL2570(FA) 12 x 14AWG	ISO Class 5	ISO Class 1	ISO Class 3

The UL2464(FA) and UL2570(FA) series are suitable for their use in cleanrooms fulfilling the specifications of Cleanliness Class ISO Class 6 (according to ISO 14644-1) at a velocity range of 0.5 m/s to 2.0 m/s.

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report compiled by the Fraunhofer-Gesellschaft. The duration of the validity of this certificate is unlimited. For further information visit our website at www.ipa-qualification.com.

Stuttgart, Germany, June 3rd 2009

i. A. 
Signature project manager

