

HELKAMA

Certificate of Product Conformity - Manufacturing declaration.

MANUFACTURER.

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PURCHASER.

Orderer:	
Delivery for:	

DECLARATION.

We hereby guarantee that the cables are designed and inspected with the relevant standards and rules.

The routine test is required by HELKAMA BICA OY, KAAPELI Quality system. (HBKQ-15) according to ISO 9001:2008.

The quality system is certified by Det Norske Veritas.

Modifications to the product not approved by us will invalidate this declaration.

Other important standards:

HBKQ-08H	Helkama datasheet
HD 383 class2	Conductors of insulated cables
EN 50290-2-23	PE Insulation
EN 50290-2-27	Halogenfree flame retardant sheathing compounds
IEC 60332-3-22	Flame retardant, test for bunched wires and cables, Category A
IEC 60754	Halogen free
IEC 61034	Smoke emission
UV-tested	Continuous exposure to UV radiation with a water spray cycle
	Radiation intensity 100 W/m ²
	Temperature Black panel temp ~35°C
	Duration 5000h
	Water spray cycle (4h) once a week
	After exposure mechanical tests are done. Results meet the requirements.
	This UV-test corresponds to approximately 10 years of UV energy in Southern Finland.

Product:	Instrumentation cable	KJAAM-HF 1-24x(2+1)x0,5 NOVAK-HF 1-24x2x0,5 HEVAK-HF 1-24x2x0,5
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Drum list: ☐ Attached. ☒ Not attached.
Final control-Test report(s): ☐ Attached. ☒ Not attached.

HANKO, 4.11.2014

(no signature - electronic document)

Anders Sjö Dahl
Development Manager