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 cretified 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/m²
	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 aproximately 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

Drum list: ☐ Attached. ☑ Not attached.
Final control-Test report(s): ☐ Attached. ☑ Not attached.

HANKO, 4.11.2014

(no signature - electronic document)
Anders Sjödahl
Development Manager