

# Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **33 778 - 06 HH**

## UC900 SS23 Cat.7

**Conductor:** Bare copper wire, 0,56 mm (AWG 23)  
**Insulation:** Foam skin PE, diameter 1,4 mm  
**Twisting:** 2 cores to the pair  
**Pair screen:** Al-laminated plastic foil  
**Cable lay up:** 4 pairs (PiMF) to the core  
**Screen:** Copper braid, tinned  
**Sheath:** FRNC, thermoplastic copolymer (SHF1)  
**Electrical properties:** Loop resistance:  $\leq 150 \Omega / \text{km}$   
Mutal capacitance: Nom. 43 nF/km at 800 Hz  
Character. impedance: 100  $\Omega$   
More propertiees according to Draka data sheet  
**Mechanical properties:** Temperature range: -20°C to +60°C (operating)  
Bending radius:  $\geq 30 \text{ mm}$

## UC1500 SS23 Multimedia

**Conductor:** Bare copper wire, 0,57 mm (AWG 23)  
**Insulation:** Foam skin PE, diameter 1,4 mm  
**Twisting:** 2 cores to the pair  
**Pair screen:** Al-laminated plastic foil  
**Cable lay up:** 2 x 2 pairs to the core  
**Screen:** Copper braid, tinned  
**Sheath:** FRNC, thermoplastic copolymer (SHF1)  
**Electrical properties:** Loop resistance:  $\leq 135 \Omega / \text{km}$   
Mutal capacitance: Nom. 43 nF/km at 800 Hz  
Character. impedance: 100  $\Omega$   
More propertiees according to Draka data sheet  
**Mechanical properties:** Temperature range: -20°C to +60°C (operating)  
Bending radius:  $\geq 35 \text{ mm}$

**Application limitations:** The UC900 SS23 and the UC1500 S S23 cable can be used for non-essential data communications.

**Place of production:** Draka Comteq / Cable Solutions EMEA, Wohlauer Str. 15, D-90475 Nürnberg

Valid until **2017-01-10**

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Type Approval Symbol



File No. **I.N.01**

**Hamburg, 2012-01-10**

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