

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**

Company **Draka Comteq Germany GmbH & Co. KG**
Piccoloministr. 2
51063 Köln, GERMANY

Product Description **Halogen free foam-PE insulated and FRNC sheathed twisted pairs data transmission cables**

Type **UC900 SS27 Cat.7; UC900 SS23 Cat.7;**
UC1500 SS23 Multimedia (Cat.7)

Environmental Category **None**

Technical Data / **UC900 SS27 Cat.7**

Range of Application **Conductor: Stranded bare copper wire, (AWG 27/7)**
Insulation: Foam skin PE diameter 0,98 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: $\leq 340 \Omega / \text{km}$
Mutal capacitance: Nom. 43 nF/km at 800 Hz
Character. impedance: 100 Ω
More propertiees according to Draka data sheet
Mechanical properties: Temperature range: -20°C to +60°C (operating)
Bending radius: $\geq 25 \text{ mm}$

Test Standard **EN 50173-1:2002; EN 50288-4-2:2003; IEC 11801:2002; IEC 61156-5:2002**
IEC 60332-1-2:2004; 60332-3-24:2000; 60754-1/2:1991/97, 61034-2:2005

Documents **Test report : Draka Comteq reference 2006035_DA_summery, dated of**
19.09.2006

Remarks **Measures for limitation of the propagation of fire along cable bundles are required**
(fire stops) in case of installation deviation mentioned in IEC 60332-3-24

Valid until **2017-01-10**

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Type Approval Symbol



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

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