



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. 33 779 - 06 HH

UC300 HS24 Cat.5e (J-2Y(St)CH 4x2x0,51)

Conductor: Bare copper wire, diameter 0,51 mm (AWG 24)
Insulation: PE, diameter 1,1 mm
Twisting: 2 cores to the pair
Cable lay up: 4 pairs to the core
Screen: Al-laminated plastic foil and copper braid, tinned
Sheath: FRNC, Thermoplastic copolymer (SHF1)

Electrical properties: DC-loop resistance: $\leq 190 \Omega / \text{km}$
Mutal capacitance: Nom. 48 nF/km
Character. impedance: 100Ω
More propertiees according to Draka data sheet

Mechanical properties: Temperature range: -20°C to $+60^\circ\text{C}$ (operating)
Min.bending radius: $\geq 25 \text{ mm}$ (without load)

Application: The Tough Cat.5e S-FTP cable is meant for use as horizontal cable in tougher electrical and mechanical enviroments.

The UC 300 H24 Cat 5e cable can be used for non-essential data communications.

Place of production: Draka Comteq / Cable Solutions EMEA, Wohlauer Str. 19, D-90475 Nürnberg

Valid until 2017-01-10

Page 2 of 2

File No. I.N.01


Hamburg, 2012-01-10

Type Approval Symbol



Germanischer Lloyd


Christoph Kutzner


Carsten Hunsalz