

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**

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

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

Type **ToughCat S-FTP (Li-02YCH 4x2x0,22mm²; Cat.5e) and UC300 HS24 Cat.5e (J-2Y(St)CH 4x2xo,51)**

Environmental Category **None**

Technical Data / Range of Application **ToughCat S-FTP (Li-02YCH 4x2x0,22mm²) Cat.5e**
Conductor: Stranded bare copper wire, (AWG 24/7)
Insulation: Foam PE, diameter 1,4 mm
Twisting: 2 cores to the pair
Pair screen: Al-laminated plastic foil
Cable lay up: 4 pairs to the core
Screen: Copper braid, tinned
Sheath: LSFROH (SHF1)

Electrical properties: DC-loop resistance: 158 Ω /km
Mutal capacitance: Nom. 45 pF/m
Character. impedance: 100 Ω
More propertiees according to Draka data sheet

Mechanical properties: Temperature range: -20°C to +85°C (operating)
Min.bending radius: 4 x cabel diameter

Test Standard **IEC 60332-1-2: 2004; IEC 60332-3-24: 2000; IEC 60754-1/2:1991/97; IEC 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



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