



Germanischer Lloyd

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. 33 777 - 06 HH

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

Product Description Halogen free coaxial video cables with a characteristic impedance of 75 Ω and CATV-Drop Cable

Type 1.0/4.8 AF FRNC-C; 1.6/7.3 AF FRNC-C
Coax 10 AD 10 S

Environmental Category None

Technical Data / Range of Application
 1.0/4.8AF video cable:
 Inner conductor: Solid copper wire, bare, diameter 1.0 mm
 Insulation: Foam-PE diameter 4,8 mm
 Outer conductor: Al-PETP-Al-foil under tinned copper braid
 Sheath: FRNC-C
 1.6/7.3AF video cable
 Inner conductor: Solid copper wire, bare, diameter 1.6 mm
 Insulation: Foam-PE diameter 7,3 mm
 Outer conductor: Al-PETP-Al-foil under tinned copper braid
 Sheath: FRNC-C
 Electrical properties: Characteristic impedance: 75 Ω
 Mutal capacitance: 56 pF/m
 Screening factor: ≥ 100 dB
 Further properties according to Draka data sheet

Test Standard EN 50117-1: 2002; IEC 61196-1:2005;
IEC 60332-3-24: 2000;

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

Remarks None

Valid until 2011-10-09

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W. Voß
Wolfgang Voß

R. Fenster
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CATV-Drop-Cable Coax 10 AD 10 S FRNC-C

Inner conductor: Bare copper wire, diameter 1,0 mm
Insulation: Foam-PE, diameter 4,55 mm
Outer conductor: Al-PET-foil under tinned copper braid + Al-PET foil, bounded to the sheath
Sheath: FRNC-C

Electrical properties: Characteristic impedance: 75 Ω
Transfer impedance: ≤ 5 m Ω /m (5 MHz - 30 MHz)
Mutual capacitance: 52 pF/m
Further properties according to the Draka data sheet

Mechanical properties: Operating temperature: -40°C to +70°C
Bending radius: 5 x outer cable diameter (without load)

Application limitations: The cables can be used for non-essential services.

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

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This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".