



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. **33 774 - 06 HH**

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

Product Description **Halogen free RG - Cables acc. to American Military-Specification MIL-C-17F, MIL-C-17G**

Type **RG213 FRNC; RG214 FRNC; RG223 FRNC**

Environmental Category **None**

Technical Data / Range of Application **RG213 FRNC / 2YCH 2.25L/7.25;**
Inner conductor: Stranded copper wires 7 x 0,75 / 2,25 mm
Insulation. PE; 7,25 mm
Braid: Copper wire braid bare
Sheath: FRNC, thermoplastic copolymer (EVA)

Electrical properties: Mutual capacitance: 100 pF/m
Impedance: 50 Ohm
Max. operating frequ.: 1 GHz
Operating voltage: 3,7 kV rms

Mechanical properties: Operating temp.: -40°C to 85°C
Bending radius: 5 x outer diameter (without load)

Test Standard **MIL -C-17F:1986 and MIL-C-17G:1985; IEC 60332-1:1993;
IEC 60754-1/2:1997; IEC 61034-2:1997**

Documents **Test report : Draka Comteq reference 2006035_RF2_summery, dated of
19.09.2006**

Remarks **None**

Valid until **2011-10-09**

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

Hamburg, 2006-10-10

Type Approval Symbol



Germanischer Lloyd

W. Voß
Wolfgang Voß

R. Fenster
Reinhard Fenster



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RG214 FRNC; 2YCCH 2.25Ls/7.25Ds;

Inner conductor: Stranded copper wires, silver plated 7 x 0,75 / 2,25 mm
Insulation: PE; 7,25 mm
1. Braid: Copper wire braid silver plated
2. Braid: Copper wire braid silver plated
Sheath: FRNC, thermoplastic copolymer (EVA)

Electrical properties: Mutual capacitance: 100 pF/m
Impedance: 50 Ohm
Max. operating frequ.: 11 GHz
Operating voltage: 3,7 kV rms

Mechanical properties: Operating temp.: -40°C to 85°C
Bending radius: 5 x outer diameter (without load)

RG223 FRNC / 2YCCH 0.89s/2.95Ds

Inner conductor: Copper wire, silver plated 0,89 mm
Insulation: LDPE; 2,95 mm
1. Braid: Copper wire braid silver plated
2. Braid: Copper wire braid silver plated
Sheath: FRNC, thermoplastic copolymer (EVA)

Electrical properties: Mutual capacitance: 100 pF/m
Impedance: 50 Ohm
Max. operating frequ.: 12,4 GHz
Operating voltage: 1,4 kV rms

Mechanical properties: Operating temp.: -40°C to 85°C
Bending radius: 5 x outer diameter (without load)

Place of production: Draka Comteq / Cable Solutions EMEA, Wohlaer Str. 15, D-90457 Nürnberg

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i.v.w. Voß
Wolfgang Voß

i.f.r. Fenster
Reinhard Fenster

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