



Type Approval Certificate

Germanischer Lloyd

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. **4426907 HH**

Company **Üntel Kablolari
Sanayi ve Ticaret A.S.
Alemdag Caddesi Siteyolu
81230 Ümraniye, Istanbul, TURKEY**

Product Description **Halogen free, flame retardant, EPR insulated and thermoplastic sheathed EMC-
shipboard power and control cable with double copper wire braiding**

Type **MGCH - EMC**

Environmental Category **None**

Technical Data /
Range of Application **Rated voltage: 0,6 / 1 kV**
Maximum operating conductor temperature: 85° C
Conductor: Stranded copper conductor, class 2
Insulation: EPR compound
Screen / braid: Copper wire braiding
EMC screen: 100% wrapped copper tape
Outer sheath: Polyolefin based compound / SHF1
Application category: 1 and according to the manufacturer's data sheet
Number of cores: 3 and 4 **Cross-sectional area: 1,5 mm² up to 120 mm²**
Min. bending radius: 16 x cable diameter

Test Standard **DIN 89 158: 1998-04; IEC 60332-1:2004; IEC 60332-3-22 Cat A/F: 2000
IEC 60754/1-2:1997; IEC 61034/1-2: 19997**

Documents **Test report : Üntel report dated of 15.01.2007**
Specification: Üntel data sheet for MGCH - EMC Cable

Remarks **None**

Valid until **2012-02-14**

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

Hamburg, 2007-05-23

Type Approval Symbol



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This certificate is issued on the basis of "Regulations for the Performance of Type Tests, Part 0, Procedure".