



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. **4476207 HH**

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

Product Description **Halogen free, XLPE insulated and thermoplastic sheathed shipboard telecommunication and control cable**

Type **FM2XCH
FM2XCH-FFR (fire resistant type)**

Environmental Category **None**

Technical Data / Range of Application **Rated voltage: 250 V
Maximum operating conductor temperature: 90° C
Conductor: Stranded copper conductor, class 2
Insulation: XLPE for FM2XCH
Mica tape + XLPE for FM2XCH-FFR
Screen / braid: Copper wire braiding
Outer sheath: Thermoplastic polyolefin based compound / SHF1**

Number of cores:	Cross-sectional area:
1 x 2 to 24 x 2	0,75 mm ²
1 x 2 to 4 x 2	0,5 mm ²

Test Standard **IEC 60092-376:2003; 60092-350:1999; 60092-351:2000; 60092-359:1999
IEC 60332-3-22: 2000; IEC 60331-21: 1999; IEC 60754-1-2; 60134-1-2: 1997**

Documents **Test report : No. : 07.UU.05-5 / Üntel Kablo
No.: 0.16.01.05/05-1166 / TSE**

Manufacturer's data sheets / specifications

Remarks **None**

Valid until **2012-05-22**

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

Hamburg, 2007-05-23

Type Approval Symbol



Germanischer Lloyd

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