




# 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.	4591802 HH
Company	Üntel Kablolari Sanayi ve Ticaret A.S. Alemdag Caddesi Siteyolu 81230 Ümraniye, Istanbul, TURKEY
Product Description	XLPE insulated and PVC sheathed shipboard instrumentation, control and communication cable
Type	FM2XCY-FR
Environmental Category	None
Technical Data / Range of Application	Rated voltage: 60 / 250 V Max. operating conductor temperature: 85° C Conductor: Stranded copper conductor ( class 2) Insulation: XLPE Screen: Copper wire braid Outer sheath: PVC (ST2)  Application category: 1  Number of cores: Cross-sectional area:  1 x 2 to 24 x 2 0,5 mm <sup>2</sup> and 0,75 mm <sup>2</sup>
Test Standard	IEC 60092-350:2000; IEC 60092-351:2000; IEC 60092-359:1999; IEC 60092-375:1977; IEC 60332-1:2004; IEC 60332-3 / AF:2000
Documents	Test report : No. 02/11/402/1 Specification: Üntel Kablolari Product Specification
Remarks	None
Valid until	2013-01-24
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File No. I.N.01	
Hamburg, 2008-01-25	

**Germanischer Lloyd**

Wolfgang Voß

Reinhard Fenster

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