



**TYPE APPROVAL CERTIFICATE**  
No. ELE052516XT/015

**This is to certify** that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	<b>ELECTRIC CABLES</b>
<i>Type</i>	<b>FM2XCH 60/250 V</b>
<i>Applicant</i>	<b>UNTEL KABLOLARI SANAYI VE TICARET A.S.</b>
<i>Manufacturer</i>	<b>UNTEL KABLOLARI SANAYI VE TICARET A.S.</b>
<i>Place of manufacture</i>	<b>MAKINE O.S.B. 6.CADDE, NO.4 DILOVASI 41455 KOCAELI TURKEY</b>
<i>Reference standards</i>	<b>IEC 60092-350; IEC 60092-376.</b>

Issued in **ISTANBUL** on **October 11, 2016**. This Certificate is valid until **October 10, 2021**



  
RINA Services S.p.A.  
Cinar Kutlar

This certificate consists of this page and 1 enclosure

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**Enclosure - Page 1 of 1**

**FM2XCH 60/250 V**

**Materials/Components**

Shipboard power cables, flame retardant, halogen free with low smoke emission, for ships and off-shore units installation.

Rated voltage: 60/250 V

Type: FM2XCH

Marking: UNTEL IEC 60092-376 FM2XCH n x s mm<sup>2</sup> 0.6/1 kV IEC 60332/3A

Construction:

conductor: stranded copper wire class 2 or 5, tinned on request

insulation: XLPE

laid up: cores laid up in pairs

separating foil

screen: plain copper braid wires, tinned on request

separating foil

sheath: SHF1

Max. conductor temperature: 90°C.

In accordance to rules IEC 60228; IEC 60092-350; IEC 60092-376; IEC 60092-360; IEC 60332-1-2; IEC 60332-3-22; IEC 60754-1; IEC 60754-2; IEC 61034-1; IEC 61034-2.

Conductor size:

number of cores x pairs 1,2,4,7,10,14,19,24 - cross sectional area 0.5, 0.75, 1, 1,5 mm<sup>2</sup>

Technical specification: data sheet N. FR 70-022 Rev 1 dated 01/07/2011.

**ISTANBUL 23.09.2016**

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