



**TYPE APPROVAL CERTIFICATE**  
No. ELE253523XT/017

**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>MGCH 0.6/1 kV</b>
<i>Applicant</i>	<b>2M KABLO SAN. VE TIC. A.S. GAZIOSMANPASA OSB MAH., 4.CADDE, No.18A Tekirdag 59500 Cerkezkoy TURKEY</b>
<i>Manufacturer</i>	<b>2M KABLO SAN. VE TIC. A.S.</b>
<i>Place of manufacture</i>	<b>GAZIOSMANPASA OSB MAH., 4.CADDE, No.18A Tekirdag 59500 Cerkezkoy TURKEY</b>
<i>Reference standards</i>	<b>IEC 60092-353; IEC 60092-350</b>

*Issued in* **ISTANBUL** on **November 10, 2023**. *This Certificate is valid until* **August 19, 2028**

**Leonard Koroluk**

**RINA Services S.p.A.**



This certificate consists of this page and 1 enclosure

**RINA** Leonard Koroluk  
Marine Surveyor  
RINA Istanbul  
26263





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**MGCH 0.6/1 kV**

**Materials/Components**

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

Rated voltage: 0.6 / 1 kV

Maximum rated conductor temperature: + 85 °C

Type: MGCH

Marking: 2MKABLO IEC 60092-353 MGCH n x s(mm<sup>2</sup>) 0.6/1 kV IEC 60332-3-22 [METER MARK]

**Construction**

Conductor: Stranded Electrolytic Annealed Copper Class 2

Insulation: HEPR

Lay-Up: All cores as layers

Screen: Electrolytic Copper Wire Braiding

Outer Sheath: HFFR SHF1

Number of Units: 1 and 3

Number of Units: 2

Number of Units: 4

Number of Units: 5

Number of Units: 6, 7, 8, 9, 10, 12, 14, 16, 18....48

Number of Units: 60

Cross-sectional area of conductor: 1 to 300 mm<sup>2</sup>

Cross-sectional area of conductor: 1 to 70 mm<sup>2</sup>

Cross-sectional area of conductor: 1 to 240 mm<sup>2</sup>

Cross-sectional area of conductor: 1 to 25 m

Cross-sectional area of conductor: 1 to 2,5mm<sup>2</sup>

Cross-sectional area of conductor: 1 and 1,5 mm<sup>2</sup>

Reference documents: Technical Specification No: 120-4/2011 (28/03/2012)

Reference Standards: IEC 60092-350; IEC 60092-353; IEC 60092-360; IEC 60332-3-22 (CAT-A); IEC 60332-1-2; IEC 60228; IEC 60811; IEC 60754-1; IEC 60754-2; IEC 61034-1; IEC 61034-2; IEC 60684-2;

**ISTANBUL 10.08.2018**