



TYPE APPROVAL CERTIFICATE
No. ELE253523XT/010

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>	ELECTRIC CABLES
<i>Type</i>	M2XCH 0.6/1 kV
<i>Applicant</i>	2M KABLO SAN. VE TIC. A.S. GAZIOSMANPASA OSB MAH., 4.CADDE, No.18A Tekirdag 59500 Cerkezkoy TURKEY
<i>Manufacturer</i>	2M KABLO SAN. VE TIC. A.S.
<i>Place of manufacture</i>	GAZIOSMANPASA OSB MAH., 4.CADDE, No.18A Tekirdag 59500 Cerkezkoy TURKEY
<i>Reference standards</i>	IEC 60092-353; IEC 60092-350

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



TYPE APPROVAL CERTIFICATE

No. **ELE253523XT/010**

Enclosure - Page 1 of 1

M2XCH 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: M2XCH

Marking: 2MKABLO IEC 60092-353 M2XCH n x s(mm²) 0.6/1 kV IEC 60332-3-22 [METER MARK]

Construction

Conductor: Stranded Electrolytic Annealed Copper Class 2

Insulation: XLPE

Lay-Up: All cores as layers

Screen: Electrolytic Copper Wire Braiding

Outer Sheath: HFFR SHF1

Number of Units: 1

Number of Units: 2, 4, 5

Number of Units: 3

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 mm²

Cross-sectional area of conductor: 1 to 240 mm²

Cross-sectional area of conductor: 1 to 300 mm²

Cross-sectional area of conductor: 1 to 2,5mm²

Cross-sectional area of conductor: 1 and 1,5 mm²

Reference documents: Technical Specification No: 113-4/2011 (12/08/2013)

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

ISTANBUL 11/10/2023