

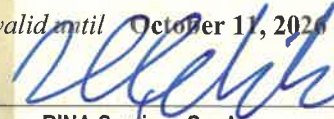


TYPE APPROVAL CERTIFICATE
No. ELE133521XT/010

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> | M2XH 0.6/1 kV |
| <i>Applicant</i> | UNTEL KABLOLARI SANAYI VE TICARET A.S. |
| <i>Manufacturer</i> | UNTEL KABLOLARI SANAYI VE TICARET A.S. |
| <i>Place of manufacture</i> | MAKINE O.S.B. 6.CADDE, NO.4 DILOVASI 41455 KOCAELI TURKEY |
| <i>Reference standards</i> | IEC 60092-350; IEC 60092-353 |

Issued in **ISTANBUL** on **October 11, 2021**. This Certificate is valid until **October 11, 2026**


RINA Services S.p.A.
Volkan Celik



This certificate consists of this page and 1 enclosure



TYPE APPROVAL CERTIFICATE

No. **ELE133521XT/010**

Enclosure - Page 1 of 1

M2XH 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

Type: M2XH

Marking: UNTEL IEC 60092-353 M2XH n x s mm² 0.6/1 kV IEC 60332/3A

Construction:

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

insulation: XLPE

bedding: halogen free compound

sheath: SHF1

Max. conductor temperature: 90°C.

In accordance to rules IEC 60228 ; IEC 60092-350; IEC 60092-353; 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 1 - cross sectional area from 1,5 to 300 mm²

number of cores 2, 3, 4 - cross sectional area from 1 to 300 mm²

number of cores 5 - cross sectional area from 1 to 240 mm²

number of cores 7 - cross sectional area from 1 to 4 mm²

number of cores 10,12,14,16, 18, 19, 20, 21, 24, 25, 27, 30, 32, 34, 36, 37 - cross sectional area from 1 to 2.5 mm²

Technical specification: data sheet N. FR 70-020 Rev1 dated 01/07/2011.



ISTANBUL 11/10/2021