



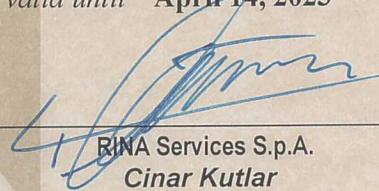
TYPE APPROVAL CERTIFICATE
No. **ELE030518XT/001**

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>	U-HF m; U-HFA m; U-HFA m EMC; 0.6/1 kV.
<i>Applicant</i>	UNIKA UNIVERSAL KABLO SANAYI VE TICARET A.S. VELIKOY SANAYI BOLGESI, CERKEZKOY Tekirdag TURKEY
<i>Manufacturer</i>	UNIKA UNIVERSAL KABLO SANAYI VE TICARET A.S.
<i>Place of manufacture</i>	VELIKOY SANAYI BOLGESI, CERKEZKOY Tekirdag TURKEY
<i>Reference standards</i>	IEC 60092-350; IEC 60092-353

Issued in **ISTANBUL** on **April 13, 2018**. This Certificate is valid until **April 14, 2023**




RINA Services S.p.A.
Cinar Kutlar

This certificate consists of this page and 1 enclosure



TYPE APPROVAL CERTIFICATE

No. ELE030518XT/001

Enclosure - Page 1 of 1

U-HF m

U-HFA m

U-HFA m EMC

0.6/1 kV.

Components

Shipboard power cables, flame retardant , halogen free, low smoke emission.

Rated voltage: 0.6/1 kV

Type: U-HF m; U-HFA m; U-HFA m EMC.

Marking: Manufacturer name "type" 0.6/1 kV n x s mm² IEC 60332-3A year of manufacture

Construction:

conductor: plain or tinned stranded copper

insulation: XLPE

inner covering: halogen-free flame retardant thermoplastic compound

tape: polyester tape

copper tape: (EMC) - copper tape or copper polyester tape

armour: A - plain or tinned copper wire braid

outer sheath:SHF1

In accordance with IEC 60228 (class. 2 or class. 5); IEC 60092-350; IEC 60092-360; IEC 60092-353; IEC 60332-1; IEC 60332-3 Cat.A; IEC 60754-1; IEC 60754-2; IEC 61034-1; IEC 61034-2; RINAMIL Rules.

Maximum conductor temperature: 90°C

Number of cores: 1 - cross sectional area from 1 to 300 mm²

Number of cores: 2 - cross sectional area from 1 to 95 mm²

Number of cores: 3 - cross sectional area from 1 to 240 mm²

Number of cores: 4 - cross sectional area from 1 to 150 mm²

Number of cores from 5 to 37 - cross sectional area 1, 1.5, 2.5 mm²

Test report: UNIKA n. 1189 dated 10/01/2008 & UNIKA dated 12/04/2018.

Technical Specification: UNIKA N. 500/TOVD/030 dated 27/12/2006 Rev. 1 dated 01/11/2007.

This certificate annuls and replaces previous certificate no: ELE070117XT/011

ISTANBUL April 13, 2018

RINA Services S.p.A.
Via Corsica, 12 - 16128 Genova
Tel +39 010 53851
Fax +39 010 5351000

