



TYPE APPROVAL CERTIFICATE
No. ELE050018XT/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>	TFOI, TFOU, TFCI
<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 60228; IEC 60092-354; IEC 60092-360; IEC 60332-1; IEC 60332-3-22 Cat. A; IEC 60754-1; IEC 60754-2; IEC 61034-1; IEC 61034-2

Issued in **ISTANBUL** on **June 11, 2018**. This Certificate is valid until **June 12, 2023**




RINA Services S.p.A.
Cinar Kutlar

This certificate consists of this page and 1 enclosure



TYPE APPROVAL CERTIFICATE

No. **ELE050018XT/001**

Enclosure - Page 1 of 1

TFOI

TFOU

TFCI

Components

High voltage, flame retardant, halogen free, mud resistant power cables.

Rated voltage: 3.6/6, 6/10, 8.7/15, 12/20 kV

Type: TFOI, TFOU, TFCI.

Marking: Manufacturer name "type" 3.6/6, 6/10, 8.7/15, 12/20 kV n x s mm² year of manufacture

Construction:

Conductor: Bare or tinned stranded copper class 2 or class 5

Conductor screen: Extruded semi conductive material

Insulation: XLPE

Insulation screen: Extruded semi conductive material

Screen: Copper wire braid or tape

Inner covering: halogen-free compound

Armour: Bare or tinned copper wire braid or galvanized steel wire braid

Outer sheath: SHF1, SHF2 or SHF Mud

In accordance with IEC 60228; IEC 60092-350; IEC 60092-354; IEC 60092-360; IEC 60332-1-2; IEC 60332-3-22; IEC 60754-1; IEC 60754-2; IEC 61034-1; IEC 61034-2; RINAMIL Rules, NEK TS 606.

Maximum conductor temperature: 90°C

Cold impact test: -35°C

Cold bending test: -40°C

Number of cores: 1, 3, 3+E

Cross sectional area: 10 to 360 mm²

Test report: UNIKA dated 06/06/2018.

ISTANBUL June 08, 2018

