

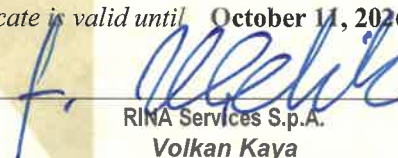


TYPE APPROVAL CERTIFICATE
No. ELE133521XT/001

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>	MGG 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>	DIN 89160, IEC 60092-350

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


RINA Services S.p.A.
Volkan Kaya



This certificate consists of this page and 1 enclosure



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Enclosure - Page 1 of 1
MGG 0.6/1 kV

Materials/Components

Shipboard power cables, flame retardant, for ships and off-shore units installation.

Rated voltage: 0.6/1 kV

Type: MGG

Marking: UNTEL DIN 89160 MGG n x s mm² 0.6/1 kV IEC 60332/3A

Construction:

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

insulation: HEPR

bedding: rubber compound

sheath: CR (SE1)

Max. conductor temperature: 85°C.

In accordance to rules DIN 89160; IEC 60228 ; IEC 60092-350; IEC 60092-353; IEC 60092-360; IEC 60332-1-2; IEC 60332-3-22.

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 70-060 Rev1 dated 01/07/2011.

11/10/2021

