

**TYPE APPROVAL CERTIFICATE**No. **ELE113325XT/003**

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>	LJST-HF (03XPC4Z1-R, 03XPC4Z1-R PIMF), LJST-FRHF (03J2XPC4Z1-R, 03J2XPC4Z1-R PIMF), LJT-HF (03XPZ1-R, 03XPATZ1-R, 03XPATZ1-R PIMF), LJT-FRHF (03J2XPATZ1-R, 03J2XPATZ1-R PIMF)
<i>Applicant</i>	TÜRK PRYSMIAN KABLO VE SİSTEMLERİ A.S. ÖMERBEY MAH., BURSA ASFALTI CAD. No.51 Mudanya TURKEY
<i>Manufacturer</i>	TÜRK PRYSMIAN KABLO VE SİSTEMLERİ A.S.
<i>Place of manufacture</i>	ÖMERBEY MAH., BURSA ASFALTI CAD. No.51 Mudanya TURKEY
<i>Reference standards</i>	IEC 60092-350; IEC 60092-360; IEC 60092-376; IEC 60228; IEC 60332-1; IEC 60332-3-22 Cat. A; IEC 60331; IEC 60754-1; IEC 60754-2; IEC 61034-1; IEC 61034-2

Issued in **ISTANBUL** on **May 21, 2025**. This Certificate is valid until **May 21, 2030**




RINA Services S.p.A.
Devrim Kacar

This certificate consists of this page and 1 enclosure



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LJST-HF (03XPC4Z1-R, 03XPC4Z1-R PIMF), LJST-FRHF (03J2XPC4Z1-R, 03J2XPC4Z1-R PIMF), LJT-HF (03XPZ1-R, 03XPATZ1-R, 03XPATZ1-R PIMF), LJT-FRHF (03J2XPATZ1-R, 03J2XPATZ1-R PIMF)

Materials/Components

Halogen free instrumentation and communication cable with XLPE insulation, copper wire braiding and thermoplastic outer sheath.

Rated voltage: 150 /250 V

Maximum rated conductor temperature: + 90 °C

Type: LJST-HF (03XPC4Z1-R, 03XPC4Z1-R PIMF), LJST-FRHF (03J2XPC4Z1-R, 03J2XPC4Z1-R PIMF), LJT-HF (03XPZ1-R, 03XPATZ1-R, 03XPATZ1-R PIMF), LJT-FRHF (03J2XPATZ1-R, 03J2XPATZ1-R PIMF)

Marking: PRYSMIAN -AFUMEX MARINE CABLES - TYPE -SIZE - - 250 V - IEC 60092-376 - IEC 60332-3/A + YEAR + metric marking (by ink)

(For FR cables) PRYSMIAN -AFUMEX MARINE CABLES - TYPE -SIZE - - 250 V - IEC 60092-376 - IEC 60332-3/A - IEC 60331 + YEAR + metric marking (by ink)

Construction

Conductors: R types: Stranded copper conductor, class 2

Mica Tape: Only for J (FR) typed cables

Core Insulation: HF XLPE

Pairs: 2 cores twisting (individual screen-laminated electrostatic screen for PIMF typed only)

Metal Covering: Bare copper wire braiding (only for C4 typed)

Screen: Laminated electrostatic screening tape (for PAT typed only)

Outer Sheath: SHF1

No of Pairs: 1P to 37P / Cross-sectional area 0,5 to 1.5 mm²

Reference documents : Test Report: Türk Prysmian Kablo 20250030, dated 14.05.2025

Reference Standards: IEC60092-350; IEC60092-353; IEC60092-360; IEC 60228; IEC 60332-3-22 cat A; IEC 60332-1-2; IEC 61034-1/2; IEC 60754-1/2; IEC 60331-11; IEC 60331-21; RINA Rules for the Classification of Ships; RINAMIL; RINA Rules for FPV; RINAMIL for FREMM; RINA Rules for Floating Offshore Units and MODU.

ISTANBUL May 21, 2025

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

