Certificate No: LR2692074TA
Issue Date: 02/03/2026
Expiry Date: 04/11/2030

# Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

| | |
|---|---|
| **Manufacturer** | **Helmacab Oy** |
| **Address** | Lakimiehenkatu 4, Kaarina, 20780, Finland |
| **Type** | Digital communication cables |
| **Description** | Halogen free, flame retardant, data communication cable |
| **Trade Name** | LAN CAT7 solid, LAN CAT 7 stranded |
| **Application** | Fixed installation in marine, offshore and industrial application |
| **Specified Standard** | IEC 61156-5: 2020, Edition 3.0 |
| **Ratings** | Operating temperature range: - 20 °C to 75 °C<br>Minimum installation temperature (down to): - 15 °C<br>Bending radius minimum: 8 x diameter |
| **Other Conditions** | Type Approval does not eliminate the need (as required by LR Rules) the requirements for further review or for the product to be further inspected and/ or surveyed to be installed in ships classed or intended to be classed with LR.<br><br>If the specified standards are amended during the validity of this certificate, the product is to be reapproved prior to it being supplied to vessels to which the amended standards apply. |

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**Ashwinikumar Mhamal**

Electrical & Control Technical Manager - Africa, Middle East & India, Lead Specialist to Lloyd's Register Marine and Offshore India

Units 1702-1704, 17th Floor (Level-13), Building Q2, Aurum Q Parc; Gen 4/1 TTC, Thane-Belapur Road, Ghansoli, Navi Mumbai, 400710, India

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This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register Marine and Offshore India LLP of any modification or changes to the equipment in order to obtain a valid Certificate.

**Previous Version:** LR2013911TA-02

The Design Appraisal Document TSO-25-050126-E-01 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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