

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Low Voltage Cable**

with type designation(s)

Power Limited Marine Cables P/N 37449927, Power Limited Marine Cables P/N 37449928

Issued to

**AMERCABLE INCORPORATED dba Nexans AmerCable
Houston, TX, USA**

is found to comply with

DNV GL rules for classification – Ships, offshore units, and high speed and light craft**Application :****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**

Type	Rated voltage (V)	Temp. class (°C)
Power Limited Marine Cables P/N 37449927	30	85
Power Limited Marine Cables P/N 37449928	30	85

Issued at **Hamburg** on **2019-11-01**This Certificate is valid until **2024-10-31**.for **DNV GL**DNV GL local station: **Houston**Approval Engineer: **Carsten Hunsalz**

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Arne Schaarmann
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.



Job Id: **262.1-019612-5**
Certificate No: **TAE00003SA**

Product description

Type: Power Limited Marine Cable P/N 37449927 30 V
Power Limited Marine Cable P/N 37449928 30 V

	37449928	37449927
Conductors:	Plain stranded copper	Plain and tinned stranded copper
Core insulation:	Polypropylene and PVC	Foamed PE and P95
Inner Sheath:		PVC
Covering:		Aramid Fiber braid
Screen	Bronze wire braid	
Outer sheath:	PVC	PVC

Part No	Number of cores x conductor cross-section mm ²	Overall dimensions mm
P/N 37449927	4 x 16 + 6 x 2,5 + 3x 2 x 0,15	39,24
P/N 37449928	3 x 0,75 + 2 x 0,34	16,0

Application/Limitation

PROFIBUS cable.

By the termination of the cables the total strings of the cable to be kept through into the termination point as for coax cables.

The PVC insulated cable shall only be used for industrial sensors etc. with a short cable attached as a part of the supplied equipment.

Type Approval documentation

Tests carried out

Type tests according to: IEC 60332-3 Cat. A/F, IEEE1202 FT4, UL1309/CSA C22.2 No. 245 (P95 only) and IEEE 1580-2010 (P95 only)

Marking of product

AmerCable – Power Limited Marine Cable – P/N 37449927 or P/N 37449928 – 30 V

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval are complied with and that no alterations are made to the product design or choice of materials.

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routine Tests (RT) checked (if not available tests according to RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.



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Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.
END OF CERTIFICATE