

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Modular 8-way connector, shielded, fiel-assembly**with type designation(s)
RJ45 Cat.6A(ISO) plug & jack

Issued to

**Metz Connect GmbH
Blumberg, Germany**

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.**Issued at **Hamburg** on **2021-01-25**This Certificate is valid until **2026-01-24**.DNV GL local station: **Augsburg**for **DNV GL**Approval Engineer: **Harald Amberger**

**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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Job Id: **262.1-034453-1**
Certificate No: **TAE000046R**

Product description

C6A modul Cat.6A(ISO) 180° jack DNV	part no. 130B11-DNV
C6A modul Cat.6A(ISO) 270° jack DNV	part no. 130B12-DNV
C6A modul Cat.6A(ISO) 90° jack DNV	part no. 130B13-DNV
C6A modul K Cat.6A(ISO) 180° jack DNV	part no. 130B21-DNV
C6A modul K Cat.6A(ISO) 270° jack DNV	part no. 130B22-DNV
C6A modul K Cat.6A(ISO) 90° jack DNV	part no. 130B23-DNV
E-DATmodul Cat.6A(ISO) T568A & T568B DNV	part no. 130910-DNV
E-DATmodul KCat.6A(ISO) T568A & T568B DNV	part no. 130910K-DNV
E-DAT Industry IP20 RJ45 field plug DNV	part no. 1401405012-DNV
E-DAT Industry IP20 RJ45 field plug insert DNV	part no. 1401400810-DNV
C6A RJ45 field plug pro DNV	part no. 130E405032-DNV
C6A RJ45 field plug pro 360 DNV	part no. 130E405042-DNV

full shielded RJ45 connector
material (body) die-cast zinc GD ZnAl4Cu1
ingress protection IP 20
wire termination IDC insulation displacement connection
number of cores 4 twisted pair cables 0.4 - 0.63mm

compliance with following standards:
EN 50173-1:2011
ISO/IEC 11801:2011 (2. edition)
IEC 60603-7-51: 2010
TIA/EIA 568.C.2

Application/Limitation

Location Classes:

Temperature: B, Humidity: B, Vibration: A

Operating instruction of the manufacturer to be observed

The term"(ISO)" used in this document marks the subscripted character "A" identifying the transmission performance Category 6A according to the standards ISO/IEC 11801and EN50173

Type Approval documentation

Tests carried out

Environmental tests acc. DNVGL-CG-0339

Marking of product

Metz Connect GmbH - Type designation - Main data.

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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.

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