

Compliance Statement

No. 2023-738

Connecting Hardware, Category 6A

Including 4 Pair Power over Ethernet (4PPoE)
(Un-mating connectors under electrical load of up to 2 A per conductor)

Company

Molex Connected Enterprise Solutions Sp. zo.o.
83-112 Lubiszewo
Ul. Tczewska 2, Rokitki
Poland

Product description

Unscreened Category 6A RJ45 Jack characterised up to 500 MHz, 100 Ω

Product identification

Unscreened Cat. 6A Jack
Part number: KSJ-00091-XX (XX denotes colour)
Part number: KSJ-00099-XX (XX denotes colour)

Generic cabling and cabling components standards - Category 6A connector requirements

- ISO/IEC 11801-1:2017 (Ed. 1.0) / ISO/IEC 11801-2:2017 (Ed. 1.0)
 - IEC 60603-7-41:2010 (Ed.1.0)
 - EN 50173-1:2018 / EN 50173-2:2018
 - TIA-568.2-D:2018
 - IEC 60512-99-002:2022
- including all connector alien crosstalk parameters (PS ANEXT and PS AFEXT)

Technical report

12335176, DANAK-19/23876

EC Cabling product ID

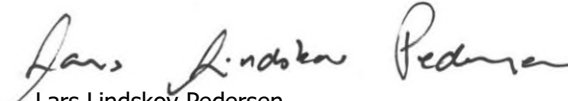
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CS valid until

1 January 2025

This product has been tested by FORCE Technology and complies with the electrical requirements of the above specified standards and "Terms and conditions for the EC VERIFIED programme for Generic and Coaxial Cabling", DQP231006. The testing included measurement of NEXT with a compliant test plug and calculation of all the 14 test cases in both measurement directions. The product takes part in a maintenance of certification schedule, which implies that FORCE Technology performs a quality audit of the manufacturer's production and QA sites. The maintenance testing of the product is performed on a sample basis once a year.

Hørsholm, 8 December 2023


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Test Manager


Dennis Andersen
Head of Department

