

# Compliance Statement

No. 2024-357

## 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

INTELEK LTD  
Dimophontos 1  
Lamda Tower  
1075 Nicosia, CY  
HE 438609

### Product description

Screened Category 6A RJ45 Jack and Patch Panel characterised up to 500 MHz, 100  $\Omega$

### Product identification

Screened Category 6A RJ45 Jack:  
10G Keystone Solarix CAT6A STP RJ45 Toolless SXXJ-10G-STP-BK-SA  
10G Keystone Solarix CAT6A STP RJ45 SXXJ-10G-STP-BK-NA  
10G Keystone Solarix CAT6A STP RJ45 Toolless Colour Modules SXXJ-10G-STP-RAL-SA

### Patch Panel:

Unloaded Patch Panel Solarix 24 port Black 1U SX24M-0-STP-BK-UNI-N  
Unloaded Patch Panel Solarix 24 port Silver 0,5U SX24HDM-0-STP-SL-UNI

### 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 60603-7-51:2010 (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

12426850, DANAK-19/24232

### EC Cabling product ID

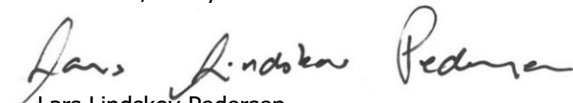
5878

### CS valid until

1 June 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, 3 May 2024

  
Lars Lindskov Pedersen  
Test Manager

  
Dennis Andersen  
Head of Department

