

# Compliance Statement

No. 2024-008

## 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

EmCom Technology Inc.  
7F No. 219, Sec. 3 Nanking E. Rd.  
Taipei  
Taiwan

### Product description

Unscreened Category 6A RJ45 connector characterised up to 500 MHz, 100  $\Omega$

### Product identification

7B68TP0A0  
1A68TP0A0  
1A68IP0A0  
6A68TP0A0  
0A68IP0A0

### 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

12229830-01, DANAK-19/23007

### EC Cabling product ID

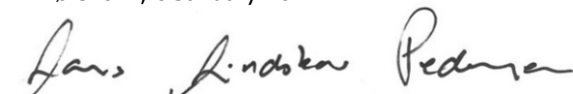
7023

### CS valid until

1 February 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 January 2024

  
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