

Compliance Statement

No. 2024-013

Connecting Hardware, Category 6

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 and screened Category 6 RJ45 connectors characterised up to 250 MHz, 100 Ω

Product identification

7C68TPZ00 (screened)
1C68TPZ00 (screened)
1C68TPZ01 (screened)
1C68TP001 (unscreened)

Generic cabling and cabling components standards - Category 6 connector requirements

- ISO/IEC 11801-1:2017 (Ed. 1.0) / ISO/IEC 11801-2:2017 (Ed. 1.0)
- IEC 60603-7-4:2010 (Ed. 2.0) / IEC 60603-7-5:2010 (Ed. 2.0)
- EN 50173-1:2018 / EN 50173-2:2018
- TIA-568.2-D:2018
- IEC 60512-99-002:2022

Technical report

12229830-06, DANAK-19/23012
12026219-01, DANAK-19/21680

EC Cabling product ID

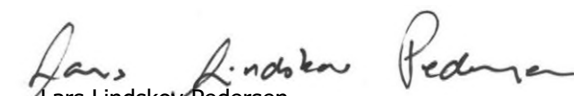
7072
7206

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


Lars Lindskov Pedersen
Test Manager


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Head of Department

