

Data Sheet

RJ45 UTP ICT socket Cat. 5e, keystone blue code: DCN/FA-682MK-8-C5E

Description and Technical Characteristics of the Product:

UTP RJ45 keystone socket Cat. 5e can be installed in any keystone connector adapter with dimensions (H x W) of 16.10x14.50mm, such as 45x45 socket adapters, electrical equipment frames, modular panels, and so the list of applications for this socket is very long. The socket has an IDC connector cover and 568A/B-type colour-coded connection sequence marking.



Products compatible with the socket:

panels:

19" panel, 24xRJ45 UTP Cat.5e (1U) blue, code: DCN/PPFA652K248C5E

19" panel, 48xRJ45 UTP Cat.5e (2U) blue, code: DCN/PPFA652K488C5E

Cables:

Emiter Net UTP Cat.5e, wire 4x2x23AWG code: K/EMITERNET-UTP5EPVC.

Technical parameters:

Mechanical:

colour - blue

dimensions (W x H x D) – 24x20x33

weight - 8g

Socket:

IDC-LSA type connector

material: PC enclosure, UL 94V-0

IDC contact: phosphor bronze, coated with 100-micron nickel layer, outer layer: 200-micron tin

Contacts in RJ45 socket - phosphor bronze pins coated with 100-micron nickel layer, outer layer: 50-micron gold

Mechanical parameters:

RJ45 socket - 750 plug-in cycles

IDC connector - 200 connection cycles

Cable size 24 to 26 AWG

Operating temperature: -10°C to +68°C,

Humidity - 10% to 90%

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Electrical parameters:

Maximum current value 1.5A

Maximum voltage 150V

Maximum contact resistance 20mΩ

Minimum insulation resistance 500MΩ

Transmission parameters:

Transmission parameters in accordance with PN - EN 50173 EIA/TIA 568B ISO/IEC 11801 2nd ed.; IEC 61156-6; EN 50288-4-2

Certificates:

[The National Institute of Telecommunications Confirmation of Conformity: PN/EN 50173; ISO/IEC 11801](#)