

## Data Sheet

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### RJ45 STP Cat.5e ICT socket, keystone blue code: DCN/FA-682MKSF-8-C5E

#### Description and Technical Characteristics of the Product:

STP 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 a full 360° shield (with 180° cover removed) and 568A/B-type colour-coded connection sequence marking.



#### Products compatible with the socket:

##### panels:

19" panel with shelf 24xRJ45 STP Cat. 5e (1U) blue, code: DCN/PPFA674BKS248C5E

##### Cables:

Emiter Net FTP Cat.5e, PVC, wire 4x2x24AWG code: K/EMITERNET-FTP5E.

#### Technical parameters:

##### Mechanical:

colours - blue

dimensions (W x H x D) 25x21x39

weight - 16g

##### 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 with the following standards: PN/EN 50173; ISO/IEC 11801](#)