

Data Sheet

RJ45 UTP socket Cat. 5e keystone blue (tool-free), code: DCN/FA-S682MK-8-C5E

Description and Technical Characteristics of the Product:

UTP RJ 45 Cat. 5e keystone socket, tool-free, can be installed in any keystone connector adapter with dimensions (H x W) of 16.10x14.50mm, e.g. in 45x45 socket adapters, electrical equipment frames, modular panels, and so the list of applications for this socket is very long. The socket has a 568A/B-type connection sequence marking. The patch cord cutter is not required to terminate the socket.



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

19" panel 24 x RJ45 UTP (1U) for tool-free sockets, unshielded, unarmoured, blue, with colour-coded markers; code: DCN/3012KX-24

10" 12-port panel, blank, for RJ45 and RJ12 for tool-free sockets; code: DCN/3012KX12BL

Cables:

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

Technical parameters:

Mechanical:

colour - blue

dimensions (W x H x D) 17x23.3x38 mm

weight - 9g

Socket:

IDC-LSA type connector

material: polycarbonate UL94V-0

IDC contact: phosphor bronze coated with 70µm nickel layer, outer layer: 150µm tin

Contacts in the RJ45 socket - pins with a diameter of 0.45mm, made of phosphor bronze coated with 60µm nickel, outer layer: 33µm gold

Mechanical parameters:

RJ45 socket - 750 plug-in cycles

IDC connector - 30 connection cycles

Conductor parameters: 24 or 23 AWG

Operating temperature: -10°C to +60°C,

Storage temperature: -40°C to +68°C

Humidity - 10% to 90%



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Electrical parameters:

Maximum current value 1.5A

Maximum voltage of 1000VAC (insulation strength)

Maximum contact resistance 20m Ω

Resistance for direct current 0.1 Ω

Minimum insulation resistance 500M Ω

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](#)