

Data Sheet

RJ45 UTP ICT socket Cat. 6, keystone blue code: DCN/FA-1090-8-C6

Description and Technical Characteristics of the Product:

UTP RJ45 keystone socket Cat. 6 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 568B-type colour-coded connection sequence marking.



Products compatible with the socket:

panels:

19" panel, 24 x RJ45 UTP Cat. 6 (1U) blue, code: DCN/PPFA-951K-248-C

19" panel, 48 x RJ45 UTP Cat. 6 (1U) blue, code: DCN/3012IPRL48-C6-1U

Cables:

Emiter Net UTP Cat.6, solid-core cable 4x2x23 AWG, LS0H, code: K/EMITERNET-UTP6LSOH.

Emiter Net UTP Cat.6, solid-core cable 4x2x23 AWG, LS0H, B2ca, code: K/EMITERNET-UTP6LS0HB2CA.

Technical parameters:

Mechanical:

colour - blue

dimensions (W x H x D) – 16.10x14.5x33

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%

Data Sheet

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](#)