

Data Sheet

19" panel, 48xRJ45 STP Cat.6 (1U) blue, code: DCN/3012IPRL48S-C6-1U

Description and Technical Characteristics of the Product:

The EmitterNet patch panels Cat.6 are built based on colour-coded 8-port PCB modules (568A/B).

The panels are equipped with a shelf to arrange cable routes and allow shield termination. The shelf has holes for attaching cables with cable ties. The shelf is an integral part of the panel.

Available in 48-port version with front port markings.

Cable arrangement is easier thanks to port markings.

The kit includes a set of mounting screws, cable ties and installation instructions.

Built-in shelf to arrange cable routes.

A text box integrated into the panel.

Standard 19", 1U height. Blue.

Certified by ETL and the National Institute of Telecommunications.



Products compatible with the panel:

sockets:

STP RJ45 Cat.6 keystone blue, code: DCN/FA-1090SF-8-C6

STP RJ45 Cat. 6 keystone, blue (tool-free) slim, code: EM/SQKSS-C6

Cables:

Emitter Net FTP Cat.6, wire 4x2x23AWG LS0H, code: K/EMITERNET-FTP6LS0H.

Technical parameters:

Mechanical:

colour - blue

dimensions (W x H x D) – 480x44x145

weight - 1950g

Socket:

IDC-LSA type connector

material: PC enclosure, UL 94V-0, 360° shielded steel enclosure

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 and electrical parameters:

RJ45 socket - 750 plug-in cycles

IDC connector - 200 termination cycles

Cable size 24 to 26 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 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](#)