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**19" panel, 24 x RJ45 UTP Cat. 6 (1U) with shelf, blue (PoE)**

**Markings:**

Code: DCN/PPFB-951K-248-C6

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

EmitterNet Cat.6 unshielded patch panel especially dedicated to ICT systems with simultaneous power distribution to PoE/PoE+ powered devices.

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

Available in 24-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.

The panel comes with a mounting bracket (shelf) for easy cable routing.

A text box integrated into the panel.

Standard 19", height 1U - 24-port panel.

Blue.



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**Products compatible with the panel:**

RJ45 keystone sockets:

DCN/FA-1090-8-C6

UTP RJ 45 socket, Cat. 6 keystone, blue

DCN/TS-868K-8-C6

UTP RJ 45 socket, Cat. 6 with adapter, 1-module, white, low

EM/UQK-C6

RJ45 UTP socket Cat. 6 keystone, blue (tool-free)

slim

FU/FA-2630AK-8-C6

UTP RJ 45 socket, Cat. 6 keystone white (for non-certified

networks only)

Cables:

K/EMITERNET-UTP6PVC-STD. Emitter Net UTP (U/UTP) cable Cat. 6 450MHz, solid-core cable 4 x 2 x 23 AWG,PVC, standard (for non-certified networks only)

K/EMITERNET-UTP6LSOH. Emitter Net UTP (U/UTP) cable Cat. 6 450MHz, solid-core cable 4 x

2 x 23 AWG,LS0H

**Technical parameters:**

Mechanical:

colour - blue

Dimensions (W x H x D) 483x44x15mm (to IDC connector)

weight - 520g

material: powder-coated metal

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 parameters:

RJ45 socket - 750 plug-in cycles

IDC connector - 30 termination cycles

Cable size 22 to 24 AWG

Operating temperature: -10°C to +60°C

Relative humidity: 10 to 90%

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 568-C.2; ISO/IEC 11801 2nd ed.; IEC 61156-6

**Certificates:**

The National Institute of Telecommunications confirmation of compliance with PN-EN 50173-1, ISO 11801

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