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

**Markings:**

Code: EM/UQK-C6

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

UTP RJ45 unshielded keystone socket Cat. 6 can be installed in any keystone connector adapter, 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 568A/B-type colour-coded connection sequence marking. It is a miniaturized socket, so called "slim" socket, so it can be used for the construction of distribution points in modular panels (without equipment).

A punch tool is not needed to terminate the conductor/cable in the socket.



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**Products compatible with the socket:**

panels:

DCN/3012KX-24	19" 24 x RJ45 UTP (1U) panel for tool-free sockets, unshielded, unarmoured, blue, with colour-coded markers
EM/3012BP-24	19" 24 x RJ45 STP (1U) panel for tool-free sockets, shielded, unarmoured, with shelf
EM/3012KH-S48	19" 48 x RJ45 STP (1U) panel for tool-free sockets, shielded, unarmoured, with shelf
DCN/3012KNL-BLCAT6A-P	19" 24 x RJ45 STP (1U) panel for STP RJ45 sockets Cat.6A, unarmoured, with shelf, blue

Cables:

K/EMITERNET-UTP6LSOH.	Emiter Net UTP (U/UTP) cable Cat. 6 450MHz, solid-core cable 4 x 2 x 23 AWG,LSOH
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K/EMITERNET-UTP6LS0HB2CA. Emitter Net U/UTP cable Cat. 6 450MHz B2ca LS0H,  
solid-core cable 4 x 2 x 23 AWG

adapters:

DC/FA-644-1SP	Single-module straight 22.5x45mm adapter for 1xRJ45 or 1xRJ 12
DC/FA-644-2SP	Two-module straight 45x45mm adapter for 1xRJ45 or 1xRJ 12
DC/SIP-30AIN2	Two-module angle 45x45mm adapter for 2xRJ45 or 2xRJ12 for sockets Cat. 6A tool-free
FU/FA-644-9MP	45x45 1xRJ45,12 adapter, white
FU/FA-644-9MP	45x45 2xRJ45,12 adapter white

**Technical parameters:**

Mechanical:

colours - blue

dimensions (W x H x D) – 19.2x16.6x34.3mm

weight - 8g

Socket:

IDC-type connector; tool-free

Material: plastic 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, outer layer: 50-micron gold

Mechanical parameters:

RJ45 socket - 750 plug-in cycles

IDC connector: 30 termination cycles

Diameter of conductor: 22 to 24 AWG solid-core cable

Operating temperature: -10°C to +60°C

Relative humidity: 10 to 90%

Electrical parameters:

Maximum DC current value: 1.5A

Maximum voltage: 1000 VAC

DC resistance: 0.1Ω

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 60603-7, IEEE 802.3at Power over Ethernet Plus (PoE+) application, IEC 60512-99-001

**Certificates:**

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

Product from the certified (blue) line. Once the requirements are met (see EmitterNet Structured Cabling System Warranty Program), you can obtain a 25-year System Warranty on structured cabling.

**Note:**

The adapters are required for mounting the sockets in the boxes or ducts.

We have made every effort to ensure that the information presented is accurate and complete. However, we are not responsible for the accuracy and completeness of the data and, in particular, we cannot guarantee that this specification does not contain errors or mistakes. The information contained in this specification may be changed at any time without notice.