
STP RJ 45 socket Cat. 6A keystone blue (tool-free), slim

Markings:

Code: EM/SQKSS-C6A

Description and Technical Characteristics of the Product:

STP RJ45 keystone socket Cat. 6A can be installed in any keystone connector adapter with dimensions (H x W) of 25x21mm, 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 full 360° shield and 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. To achieve a Class Ea network / Category 6A path that meets the requirements of PN-EN 50173-1, it is required to use the cable/conductor Category 6A or 7.



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Products compatible with the socket:

panels:

DCN/3012KNL-BLCAT6A-P	19" 24 x RJ45 STP (1U) panel for STP RJ45 sockets Cat. 6A, unarmoured, with shelf, blue
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

Cables:

K/EMITERNET-SFTP7LSOH. Emitter Net SFTP (S/FTP) cable Cat. 7 1000MHz, solid-core cable
4 x2 x 23AWG, LS0H

K/EMITERNET-SFTP7LS0HB2CA. Emitter Net S/FTP cable Cat. 7 1000MHz B2ca LSZH-FR,
solid-core cable 4 x2 x 23AWG

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 metal shield

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

weight - 20g

Socket:

IDC-type connector; tool-free

material: plastic PC enclosure, UL 94V-0 ; zinc-aluminium alloy enclosure, nickel-plated

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

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.