

# Patch panel HD, Category 6<sub>A</sub>, 24xRJ45/s, silver, KEJ-C6A-S-HD keystone included, 0,5 U

P/N: KEP-C6A-S-HD-05

10  
Gigabit

Cat. 6<sub>A</sub>  
interoperable

500  
MHz

**HD**  
HIGH DENSITY



## Features

- 24 keystone jacks KEJ-C6A-S-HD included
- enables to install up to 48 ports on 1U
- designed for 19" cabinets
- integrated cable management
- cable ties for gripping (24 pcs)
- set of M6 screws and captive nuts (2 pcs)
- two grounding pegs (on left and right sides)
- labeling strip is included in the package

## Application

- primary (Campus), secondary (Riser), tertiary (Horizontal)
- IEEE 802.3: 10BASE-T; 100BASE-T; 1000BASE-T; 10GBASE-T
- IEEE 802.5: 16 MB; ISDN; FDDI; ATM
- high bandwidth digital applications with low BER
- multimedia transmissions like digital and analog video and voice



## Construction

|                                    |                 |
|------------------------------------|-----------------|
| Height                             | 0,5 U (22 mm)   |
| Width                              | 19" (482,6 mm)  |
| Depth (including cable management) | 100 mm          |
| Material                           | stainless steel |
| Color                              | silver          |
| Surface                            | luster          |

**Keystone jack HD (KEJ-C6A-S-HD) mechanical properties**

Note: for detailed information see datasheet for keystone jack KEJ-C6A-S-HD

|                               |  |  |
|-------------------------------|--|--|
| Suitable for installing on    | cables with solid wires                        | from 0,51 to 0,64 mm (from AWG 24 to AWG 22) |
|                               | cables with stranded wires                     | from AWG 27/7 to AWG 26/7                    |
| Insertion / extraction cycles | min. 750                                       |  |
| Temperature range             | operation                                      | -40 °C to +70 °C                             |
| IDC reterminations            | min. 20  |  |
| Contact pin material          | phosphor-bronze alloy coated with 50 µ of gold |  |
| IDC contacts material         | high strength phosphor-bronze alloy            |  |
| IDC contacts plating          | 100 micron tin alloy                           |  |

**Transmission properties at 20°C**

| f (MHz) | Attenuation (dB/100m) | NEXT (dB min) | PS-NEXT (dB min) | FEXT (dB/min) | TCL (dB min) | PS-ANEXT (dB/min) | PS-AFEXT (dB/min) | Return loss (dB min) |
|---------|-----------------------|---------------|------------------|---------------|--------------|-------------------|-------------------|----------------------|
| 1,0     | 0,1                   | 75,0          | 72,0             | 75,0          | 40,0         | 72,0              | 72,0              | 30,0                 |
| 4,0     | 0,1                   | 75,0          | 72,0             | 71,1          | 40,0         | 72,0              | 72,0              | 30,0                 |
| 10,0    | 0,1                   | 74,0          | 70,0             | 63,1          | 40,0         | 72,0              | 72,0              | 30,0                 |
| 16,0    | 0,1                   | 69,9          | 65,9             | 59,0          | 40,0         | 72,0              | 72,0              | 30,0                 |
| 20,0    | 0,1                   | 68,0          | 64,0             | 57,1          | 40,0         | 72,0              | 72,0              | 30,0                 |
| 31,2    | 0,1                   | 64,1          | 60,1             | 53,2          | 38,1         | 72,0              | 72,0              | 30,0                 |
| 62,5    | 0,16                  | 58,1          | 54,1             | 47,2          | 32,1         | 72,0              | 71,1              | 30,0                 |
| 100,0   | 0,2                   | 54,0          | 50,0             | 43,1          | 28,0         | 70,5              | 67,0              | 28,0                 |
| 155,0   | 0,24                  | 50,2          | 46,2             | 39,3          | 25,0         | 66,7              | 63,2              | 25,0                 |
| 200,0   | 0,28                  | 48,0          | 44,0             | 37,1          | 22,0         | 64,5              | 61,0              | 22,0                 |
| 250,0   | 0,32                  | 46,0          | 42,0             | 35,1          | 20,0         | 62,5              | 59,0              | 20,0                 |
| 300,0   | 0,35                  | 43,7          | 39,7             | 33,6          | 18,5         | 61,0              | 57,5              | 18,5                 |
| 400,0   | 0,4                   | 39,9          | 35,9             | 31,1          | 16,0         | 58,5              | 55,0              | 16,0                 |
| 500,0   | 0,45                  | 37,0          | 33,0             | 29,1          | 14,0         | 56,5              | 53,0              | 14,0                 |

