

# Keystone Jack HD, Category 6 , RJ45/u

P/N: KEJ-C6-U-HD



## features

- enables to install 24 modules into 0,5U and achieve a high density of up to 48 ports on 1U
- low profile design reduces the required installation depth of 5 mm
- tool-free, fast and easy installation
- enables transmission of all high-speed protocols up to 1000BASE-T
- guarantees a bandwidth of 250 MHz
- not shielded against electromagnetic interference
- dust-proof shutter
- suitable for a wide range of outlets, duct and channel systems
- applicable on cables with solid wires (guarantees of anti-corrosive a gas-tight joint)

## application

- primary (Campus), secondary (Riser), tertiary (Horizontal)
- IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T
- IEEE 802.5 16 MB; ISDN; FDDI; ATM

## mechanical properties

Suitable for installing on	cables with solid wires from 0,51 to 0,65 mm (AWG 24 - AWG 22)
Required installation depth	10 - 35 mm - sockets with angled faceplates
	35 mm - sockets with straight faceplates
Insertion / extraction cycles	min. 750
Temperature range	operation -40°C to +70°C
IDC reterminations	≤ 5
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

## electrical properties at 20°C

Current rating	1,25A max
Contact resistance of spring	20 mΩ max
Dielectric strenght	1000V
Insulation resistance	500 MΩ