

Connection module HD, Category 6_A

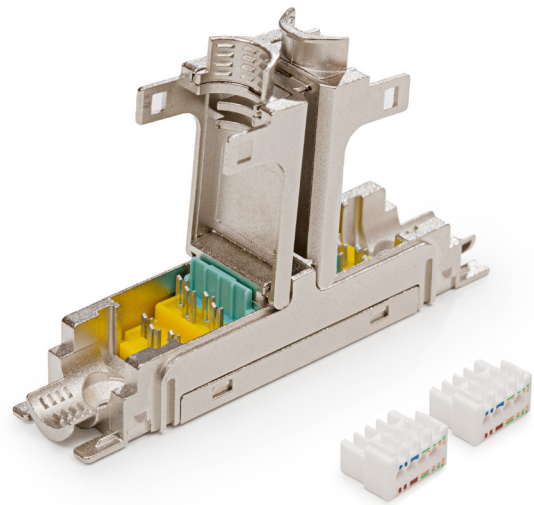
P/N: KE-EXT-HD

10
Gigabit

Cat. 6_A
interoperable

500
MHz

HD
HIGH DENSITY



Features

- designed for reconnecting damaged cables or in case of need to extend the link
- low profile design
- tool-free, fast and easy installation
- enables transmission of all high-speed protocols including 10GBASE-T
- guarantees a bandwidth of 500 MHz
- perfectly shielded against Alien Crosstalk and electromagnetic interference
- applicable on cables with solid wires (guarantee of anti-corrosive and gas-tight joint)

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

Mechanical properties

Suitable for installing on cables	with solid wires from AWG 24 to AWG 22 with outer diameter from 5 to 9,5 mm
Housing material	nickel-plated die-cast zinc
Temperature range	operation -40 °C to +70 °C
IDC reterminations	min. 20
Contact pin material	phosphor-bronze alloy coated
IDC contacts plating	100 micron tin alloy
Dimensions	65,6 x 15,6 x 13,5 mm

Electrical properties at 20°C

Current rating	1,25 A max
Contact resistance of IDC	20 mΩ max
Dielectric strenght	1000 V DC/AC 1 peak
	1500 V DC/AC 1 peak
Insulation resistance	500 MΩ

