



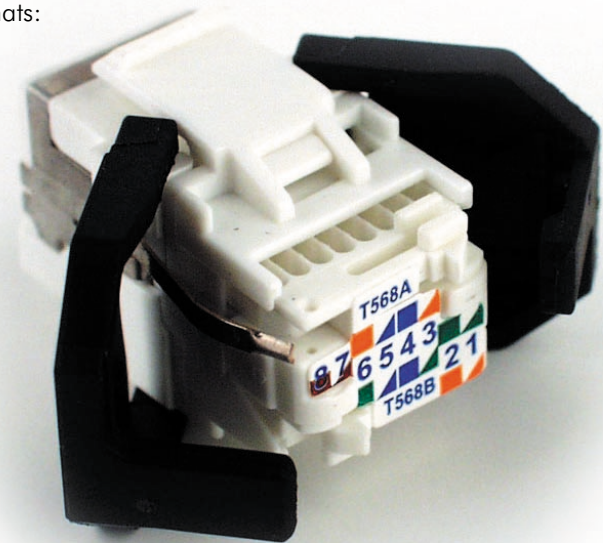
## RJ45 One-Click K6 Jacks

Part of our copper enterprise portfolio, the new one-click K6 range is our ultimate Cat 6 hardware component (draft standards ISO/IEC 11801 2nd Edition N739 Feldafing and TIA/EIA-568 - Draft 8), with Keystone mounting feature.

Used as a core product in our system solution, which includes a comprehensive range of Keystone patch panels, sockets and faceplates, Cat 6 patch cords and cables. It offers the best margin over Class E / Cat 6 link draft standards.

The one-click jack range includes three different formats:

- UTP
- FTP with drain wire
- STP 360° braid or foil connection



### Highlights

- Best future proof solution
- Keystone mounting offering potential
  - combination of fibre and copper on Volition boxes and faceplates
  - compatibility with other keystone boxes, faceplates or patch panels on the market
- Record time reliable connection: the 8 copper conductors are effortlessly terminated in one single operation
- Increased dust protection, especially during installation phases or in industrial environment
- Enhanced respect of the bending radius
- In case of wrong wiring, no need to buy a new connector, no time wasted to wait another delivery: you can reuse the K6 jack, several time if needed
- Reduced impact on design of the installation (no need for protuberant trunking or boxes to accomodate the jack), and therefore savings on these accessories
- All solutions for electromagnetic compatibility protection levels
- Compatible with a wider cable range on the market



# Technical Data

## Features

- Cat 6 hardware component
- Keystone mounting
- Toolless connector, for both cable connection and connector mounting phases, even the STP shielded version
- Reusable (several time if needed)
- Short depth
- Integral shutter
- UTP, FTP with drain wire, and STP 360° Braid or Foil connection versions
- Choice of cable insertion orientation (up or down)
- Accepts cables from AWG 26 to 22

## Technical characteristics

- Lead-through resistance < 20 mW
- Insulation resistance > 10 mW

## RJ-45 Category 6 Hardware test result (Typical value)

Frequency	100 MHz	200 MHz	250 MHz
Attenuation	< 0.2 dB	< 0.2 dB	< 0.3 dB
Return Loss	24 dB	18.5 dB	16 dB
Next pair to pair	58 dB	50 dB	47.5 dB

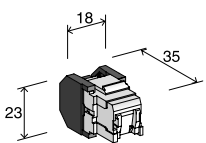
## Permanent Link Class E test result (Typical value)

	Attenuation	Next	Elfex	Return Loss
Value	29.5 dB	43.4 dB	22.2 dB	25.3 dB
Margin	1.0	8.1	5.9	4.3
Frequency	250 MHz	250 MHz	250 MHz	4 MHz

## Typ/Order Text

## Ref.

### One-Click K6 Jack • UTP

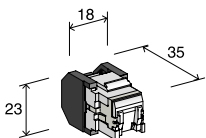


**8 contacts capacity**

Item/unit: 1  
Minimum Order Quantity: 96

**VOL-OCK6-U**

### One-Click K6 Jack • FTP

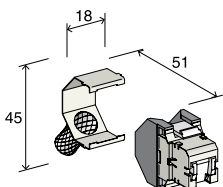


**8 contacts capacity  
a ninth point to ensure the grounding continuity**

Item/unit: 1  
Minimum Order Quantity: 96

**VOL-OCK6-F**

### One-Click K6 Jack • STP



**8 contacts capacity,  
metallic nose and tinned bronze cover shielded  
by reversible metal cover  
Supplied with a fixing collar**

Item/unit: 1  
Minimum Order Quantity: 96

**VOL-OCK6-S**

## 3M Telecommunications

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