



**OPTIPLUS**  
n e t w o r k s



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CABLING PARTNER

## Category 6 UTP Keystone Jack Tool Less

**OPTIPLUS** Category 6 UTP Keystone Jack Tool Less is designed for superior performance in high-speed data, voice and image transmission. The advanced pressing technology provides less insertion loss with 180 degree orientation and can easily terminate eight conductors at a time. Optiplus jacks are fully compatible with Gigabit Ethernet and future applications. Designed and engineered to exceed all ANSI/TIA-568-C.2 category 6 requirements.

### Standards

- ANSI/TIA/EIA 568AB.2.2001
- ISO/IEC11801:2002
- EN50173-2 Category 6 standards
- IEEE 802.af, IEEE 802.3at for PoE applications

### Key Features:

- EIA/TIA 568A/B standard.
- Multi-purpose keystone design.
- Protection cap protects conductor termination points and controls cable entry.
- Balances signal transmission of insertion loss and crosstalk from 1 to 250MHz.
- Suitable for 23-24AWG stranded and solid wire.



### Design & Materials:

Colour	White/Black
Size	17mm x 35.15mm x 25.20mm
Angle	180 Degree
Housing Material	High impact thermoplastic, UL94V-0
IDC	Phosphor bronze with 50 micro-inch tin-lead plating over 50-60 micro-inch nickel plated
IDC Contact Area	Min 3mm 50 micro-inch gold plated over nickel plated
IDC Type	Tool free with cap
Temperature -Storage	-40°C - +70°C
Temperature -Operation	0°C - +65°C
Colour Coding	As per 568 A/B standard

### Electrical and Mechanical Characteristics:

- Insertion Life : 750 cycles minimum
- Retention Force : 50 N
- Propagation Delay : 2.5nsec max./1-250MHz
- Current Rating: 1.5 Amps
- Insulation Resistance: 500 M Ω minimum
- Maximum Contact Resistance: 0.02 Ω
- Maximum DC Resistance: 0.1 Ω

### Ordering Information:

PART NUMBER	DESCRIPTION
OP-C6130080TL	Category 6 UTP Keystone Jack Tool Less



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