



STRUCTURED
CABLING PARTNER

Category 6 UTP Keystone Jack

OPTIPLUS Category 6 UTP Keystone Jack is designed for superior performance in high-speed data, voice and image transmission. Includes 110-type IDC termination and comes standard with 50 µinch gold plating on the jack contacts. 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	32mmX16mmX21mm
Orientation Angle	90 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	110 or low impact krone tool
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-C6130090	Category 6 UTP Keystone Jack
OP-C6130080S	Category 6 UTP Keystone Jack with shutter



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