



STRUCTURED  
CABLING PARTNER

## Category 6A STP Keystone Jack Tool less

### OPTIPLUS Category 6A STP Keystone Jack Tool less

is designed for superior performance in high-speed Data, voice and image transmission which exceeds the transmission line performance requirements of IEC and TIA for CLASS EA/Category 6A systems.

Their compact design has been engineered to optimize density in high performance applications such as Data Centers. Designed for mechanical and electrical reliability, using quality materials, to deliver a jack solution that minimizes the time required by the installer to complete each termination



### Standards

- ANSI/TIA/EIA 568-C.2
- ISO/IEC11801:Amend 2:2010
- EN50173

### Key Features:

- Multi-purpose keystone design
- High reliability and superior performance
- Easy to be terminated, low attenuation loss and high return loss
- Protection cap protects conductor termination points and controls cable entry
- Module can be re-opened and re-installed
- Balances signal transmission of insertion loss and crosstalk from 1 to 500 MHz
- Suitable for 22-26AWG stranded and solid wire

### Design & Materials:

Colour	Silver
Size	17mm x 41.15mm x 26.20mm
Angle	180 Degree
Housing Material	Zinc
IDC	Phosphor Bronze with 50 micro-inch Gold 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 - +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./1-500MHz
- Current Rating: 2.1 Amps
- Insulation Resistance: 500 m Ω min @ 100V DC
- Spring wire contact resistance : 20 m Ω MAX
- IDC contact resistance : 2.5 m Ω MAX

### Ordering Information:

PART NUMBER	DESCRIPTION
OP-C6A130080STL	Category6 STP Keystone Jack 180° Tool Less



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