

Category 6A Shielded Inline Coupler



Shielded Inline Coupler, C6A avoids the need for rear termination and allow two patch cables to be connected directly, no tools required. This standard keystone jack fits any keystone wall plate, Patch panel, or surface mount box. Rated for Cat6A network this jack allows for bandwidth up to 10Gigabit per second.

Features

- Connector Channel with at least 4dB head room
- Die- cast housing eliminated alien crosstalk
- Tool-less design
- Innovative Press fit technology with fully RoHS Compliant (No Solder- No Leads)
- Cat 6A feed through solution for 10G data Centre solutions. User Friendly and excellent transmission performance

Mechanical Specifications

Coupler Housing	: Polycarbonate 94V-0 plastic
Shell	: Brass with Nickel Plated
Contact Holder	: High Impact 94V-0 plastic
Spring	: Phosphor Bronze with Gold Plated on contact area
Locking Latch	: SUS 304
PCB	: FR4

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Electrical Specifications

Insulation Resistance	: $\geq 500\text{m}\Omega$
Contact Resistance	: $\leq 10\text{m}\Omega$
Current rating	: 1.5 Amps
DC Resistance	: $\leq 0.1\Omega$
DC/AC Volt Endurance	: DC1000V/AC750V 1min
Wiring Pattern at rear end	: T568A & T568B
Minimum Return loss	: 14
Maximum Insertion loss	: 0.45
Minimum NEXT loss	: 34
Minimum FEXT loss	: 29.1
Minimum TCL	: 14
Minimum TCTL	: 14
Propagation Delay	: $< 2.5\text{ ns}$
Propagation Delay Skew	: $< 1.25\text{ ns}$
Minimum PSANEXT loss	: 56.5
Minimum PSAFEXT loss	: 53

Environmental Specifications

Operating Temperature	: -10°C to $+60^{\circ}\text{C}$
Storage Temperature	: -40°C to $+68^{\circ}\text{C}$
Operating Humidity	: 10% to 90% PH

Ordering Information

Product Code	Description
13319	Inline Coupler Shielded C6A