

## 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

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Spring : Phosphor Bronze with Gold Plated on contact area

Locking Latch : SUS 304

PCB : FR4

Page 1 of 2



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#### **Electrical Specifications**

 Insulation Resistance
 : ≥ 500mΩ

 Contact Resistance
 : ≤10mΩ

 Current rating
 : 1.5 Amps

 DC Resistance
 : ≤ 0.1Ω

DC/AC Volt Endurance : DC1000V/AC750V 1min

Wiring Pattern at rear end : T568A & T568B

Minimum Return loss Maximum Insertion loss : 0.45 Minimum NEXT loss 34 Minimum FEXT loss 29.1 Minimum TCL : 14 Minimum TCTL : 14 **Propagation Delay** <2.5 ns Propagation Delay Skew : <1.25 ns Minimum PSANEXT loss 56.5 Minimum PSAFEXT loss 53

## **Environmental Specifications**

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

## **Ordering Information**

**Product Code** 13319

**Description** 

Inline Coupler Shielded C6A

Page 2 of 2

Kindly note that any specifications including design, measurements, size, dimension, weight and material specifications mentioned for different products across any technical or commercial document are subject to change by 3C3 India Pvt. Ltd., without any notice.

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