

Category 6 Inline Coupler



Category 6 Inline Coupler are available in unshielded type. These keystone style RJ45 coupler are easy to mount in patch panel and face plate application. These RJ45 couplers solutions are engineered to bring high performance in a compact design.

Features

- Connector Channel with at least 4dB head room
- Innovative Press fit technology with fully RoHS Compliant (No Solder- No Leads)
- Cat 6 feed through solution for 1G solutions. User Friendly and excellent transmission performance

Mechanical Specification

Coupler Housing	: PC, UL94V-0
Contact	: Gold Plated with Nickel under coat
PCB	: FR-4, UL94V-0

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Electrical Specification

Insulation Resistance	: $\geq 500\text{m}\Omega$
Contact Resistance	: $\leq 20\text{m}\Omega$
Current rating	: 1.5 Amps
DC Resistance	: $\leq 0.1\Omega$
DC/AC Volt Endurance	: DC1000V/AC750V 1min
Minimum Return loss	: 16
Maximum Insertion loss	: 0.32
Minimum NEXT loss	: 46
Minimum FEXT loss	: 35.1
Minimum TCL	: 20
Minimum TCTL	: 20
Propagation Delay	: $< 2.5\text{ ns}$
Propagation Delay Skew	: $< 1.25\text{ ns}$

Environmental Specifications

Operating Temperature	: -10°C to $+60^{\circ}\text{C}$
Storage Temperature	: -40°C to $+70^{\circ}\text{C}$
Operating Humidity	: 10% to 90% PH

Ordering Information

Part Code	Description
13206	Inline Coupler Unshielded C6