

estelan

Feed through (In Line) coupler



Feed through or in line couplers are used to extend the 4 pair connectivity to reach to the end device when the existing cable is not sufficient to complete the connection. STL feed through or in line couplers are designed and produced keeping the connectivity requirements in mind and meet or exceed the performance expectations. Available in CAT6 and CAT6A, both in shielded and unshielded version. These compact units help extend the connection securely and ensure seamless connectivity to the end devices with minimum signal loss.

Features & Benefits

- Compact and robust
- FCC compliant RJ45 plug connection
- 180°C connection
- Press fit technology for firm placement

Regulatory Compliances/Certifications

- RoHS compliant

Performance

- Meets the channel performance as ANSI/TIA/EIA 568 standard
- Insertion force: 30N max
- Retention Strength: 7.7Kg between jack and plug

Specifications

	Mechanical Specifications
Type	Available in both Unshielded and Shielded version
Contact material	Phosphor Bronze
Housing	Unshielded - ABS UL94V0, Shielded - Bronze with Nickel plating
Mating cycle	750 mating

Environmental Specification

Operating Temperature	-10°C to + 60°C
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Ordering information

Part code	Description
NXICCO6UX180WH	Inline Coupler Unshielded 180° CAT6
NXICC6ASX180GY	Inline coupler Shielded 180° CAT6A

Configuration

	Type	Category	Shielding	Angle	Color
NX	IC	C06	UX	180	WH
	IC - Inline Coupler	C5e -CAT5e	UX - Unshielded	180 - 180°	BK - Black
		C06 - CAT6	SX - Shielded	090 - 90°	WH - White
		C6A - CAT6A			IV - Ivory

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