

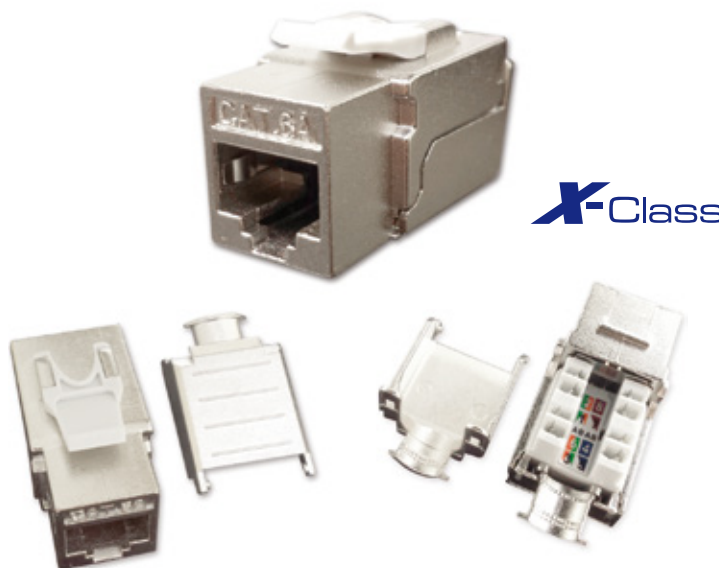
**LP-XCAQFSDC**

**CAT 6A RJ45, X-Class Jack, 90° IDC, Robotic Manufactured Keystone® Compatible Fully Shielded Jack, Zinc Die Cast with Nickel Plated body.**

LPXCAQFSDC\_SS\_ENB01W

**Features**

- Keystone Jack, CAT 6A, FTP, 90° IDC, for Communication applications in the work area.
- Fit for CAT 6A shielded general cable distribution system, backward compatible with Shielded CAT 6, CAT 5e and CAT 5 systems Keystone Jack, CAT 6A, UTP type, 90° punching direction, for connecting applications of communication ports in working area.
- Compliant with ISO/IEC 11801. 2002 CLASS & ANSI/TIA 568-D CAT 6A T568-A and T568-B punching sequences are both compatible.
- Compliant with IEC 60603-7-5.
- Shielded, rugged.
- FTP capable.
- Grounding Contact: Zinc Die Cast with Nickel Plating.
- Connection type FCC connector for RJ45 patch cords and IDC for 4-pair CAT 6A cables.
- UL® and ULc® certified under number# DUXR.E329018.
- Our standard style allows compatibility with many other brands and systems.
- Compact and practical design.
- With tie wrap neck for cable retention.
- High performance copper alloy contacts with 50 microinches of gold plating.
- 750 mating cycles minimum for RJ45 as per ISO (IEC 1801, IEC 6063-7-5).
- 250 mating cycles minimum for IDC.
- Supports PoE 1,2,3,4 type and POH.
- Positive latch system.
- Suitable for 23-26 AWG solid and stranded cable.
- Compatible with 110 punchdown tools.
- Competitively priced.


**LP-XCAQFSDC**

**CAT 6A RJ45, X-Class Jack, 90° IDC, Robotic Manufactured Keystone® Compatible Fully Shielded Jack, Zinc Die Cast with Nickel Plated body.**

The CAT 6A RJ45, X-Class Jack, 90° IDC, Robotic Manufactured Keystone® Compatible Fully Shielded Jack, in a Zinc Die Cast with Nickel Plated body are also compatible with our iMC® line of patch panels and angled faceplates.

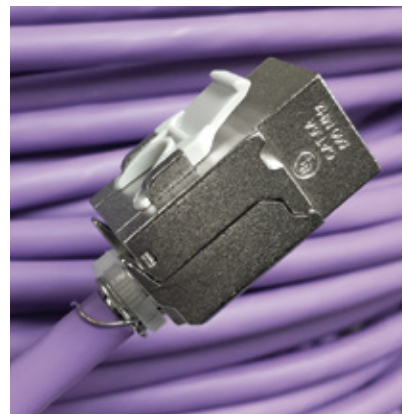
LanPro has designed them specifically for high speed and bandwidth in excess of 500 MHz.

Our modular CAT 6A X-Class Jacks are designed to match our CAT 6A compatible products in a perfect way. Their performance is in compliance with the ANSI/TIA 568 C.2 standard. All CAT 6A devices are very adaptable to customer changing requirements.

UL® and ULc® certified under number# DUXR.E329018.

Our modular CAT 6A X-Class Jacks are designed to match our CAT 6A compatible products in a perfect way. Their performance is in compliance with the ANSI/TIA 568 D standard. All CAT 6A devices are very adaptable to customer changing requirements.

**Notice: All our Jacks are also suitable for CAT 3 cabling system.**



Our traditional jacks have been the industrial standard for the last 20 years.

We have sold hundreds of thousands of them worldwide with a huge success. But products evolve due technology/cost improvements and become obsolete and are replaced by ones with better performance.

We decided to completely redesign the 8000 series Jacks from scratch and up, with a focus on our customers' complaints, recommendations, and imagination!

The new jack is designed to be mechanically stronger. Our most innovative improvement is greater reinforcement surrounding the cable feeder. The jack itself is smaller in size

and easier to use. It also includes a narrower RJ45 footprint but maintaining the standard Keystone jack compatibility for the standard fixation to a faceplate or patch panel.

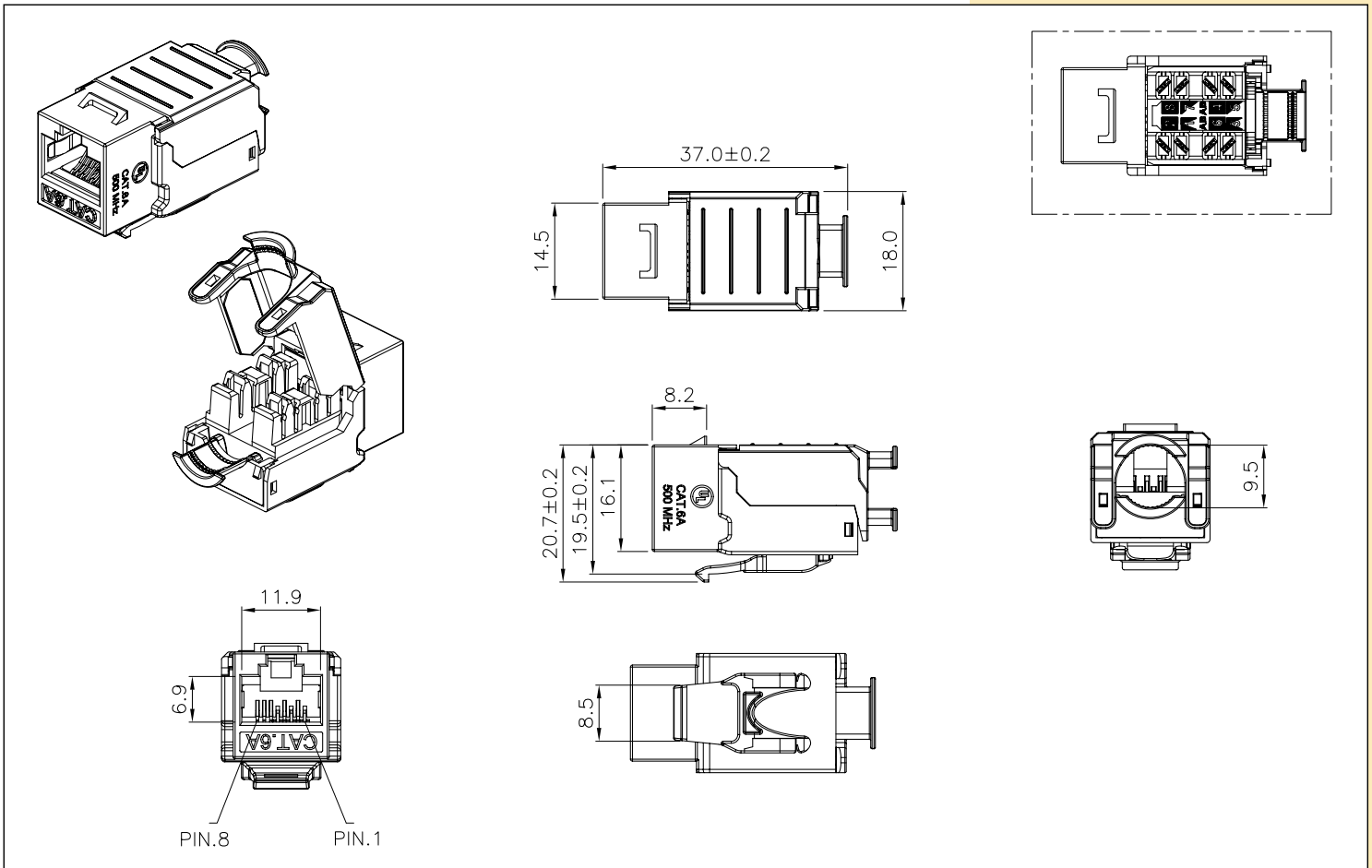
Because the jacks are robotically assembled, there is less human error in the manufacturing process ensuring consistency in product quality.

The new jack is significantly smaller, which makes it ideal for even limited spaces, moreover, with the carved logo and design, counterfeiting is difficult. The locking latch is more flexible and easier to press, but it's still reliable.

## A Specifications

<b>Material</b>	RJ45 Jack	Housing	Zinc Die-Casting with Nickel Plating
		Contact Bracket	PBT+Glasss Fiber, UL 94V-0 with Black Color
	RJ45 Contact	Material	Phosphor Bronze with Nickel Plating
		Finish	50 Microinch Gold Plating on plug contact area
	IDC	Housing	PC+Glass Fiber, White, UL 94V-2
		Terminal	Phosphor Bronze with Tin Plating
	PCB	FR4, UL 94V-0	
<b>Performance</b>	Compliance of ISO/IEC 11801. ANSI/TIA/EIA 568-D CAT 6A for both T568-A and T568-B punching sequences. T568A & T568B wiring.		
	Insertion Force	30N max. (IEC 60603-7-5)	
	Retention Strength	7.7 Kg between Jack and Plug	
	Operating Temperature	-10°C to 60°C. (ISO/IEC 11801, ANSI/TIA 568 C.2).	
	Life (Mating Cycles)	Jack	750 Cycles min. (ISO/IEC 11801, IEC 60603-7-5)
		IDC	250 Cycles min. Suitable for 23-26 AWG stranded and solid wire, compatible with 110 punch down tool
	The CAT 6A transmission performance is in compliance with the ANSI/TIA 568C.2 standard.		
<b>Certifications</b>	UL® and ULc® certified under number# DUXR.E329018		
<b>Connection type</b>	FCC Connector for RJ45 patch cord and IDC for 4-pair CAT 6A cables.		
<b>Compatibility</b>	Fit for CAT 6A general cable distribution system. Backward compatible with CAT 6, CAT 5e and CAT 5 systems.		
<b>Punch tool</b>	110 & Kröne.		
<b>Dimensions</b>	Width: 18 mm		
	Height: 20.7 mm.		
	Depth: 37 mm.		
<b>Note:</b>	The microinch ( $\mu$ in) is a common imperial unit of distance equal to one millionth of an inch, 25.4 nanometers (nm), or $1 \mu$ in = 0.0254 $\mu$ m.		

## B Dimensional Diagram



## C How to Order

**LP-XCAQFSDC CAT 6A RJ45, X-Class Jack, 90° IDC, Robotic Manufactured Keystone® Compatible Fully Shielded Jack, Zinc Die Cast with Nickel Plated body**