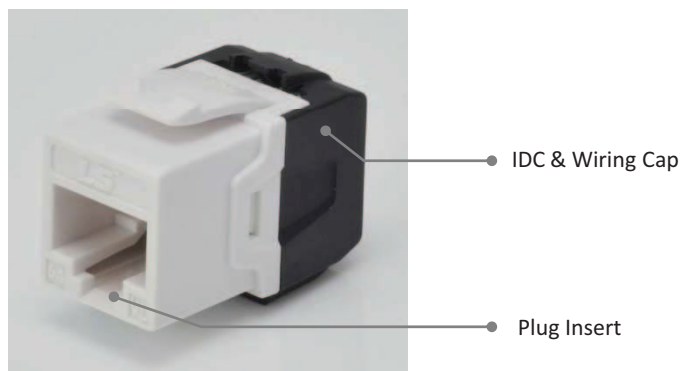


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### Description

#### LS Simple™ Unshielded Modular Jack

- User instructions and basic wiring layout for standard configuration are included.
- 180 degree slim Modular Jack
- Designed and manufactured to meet demanding of international standards.
- Individually terminated using slim-IDC(Insulation Displacement Connectors)
- T568A or T568B configuration
- 47 CFR part 68(RJ-45), ANSI/TIA-568-C.2(Category 6A) and ISO/IEC 11801 compliant
- RoHS compliant
- High impact flame retardant plastic housing
- Easy installation & smart cabling arrangement by wiring cap

### Application

- Horizontal Distribution & Backbone Cabling
- 4/16 Mbps Token Ring (IEEE 802.5)
- 10/100/1000/10G BASE-T (IEEE 802.3)
- 155 Mbps
- ATM LAN 1.2G
- 100Mbps TP-PMD
- ISDN, ADSL
- Analog & digital voice(VoIP) and video
- Full broadband and baseband video

### Part Numbers

Description	Dimension (H * W * D, mm)	Part Number	Compatible Items
Unshielded Category 6A Modular Jack 180-degree IDC	19.3 * 16.8 * 29.0	LS-MJ-UC6A-xx-ERI	Panel : LS Empty Panel series Outlet : LS-FP-SA(SF)(SU)(US) series Tool : LS-EZT-TOOL-ER

\* xx denotes color : WH=White, BK=Black, RD=Red, BL=Blue

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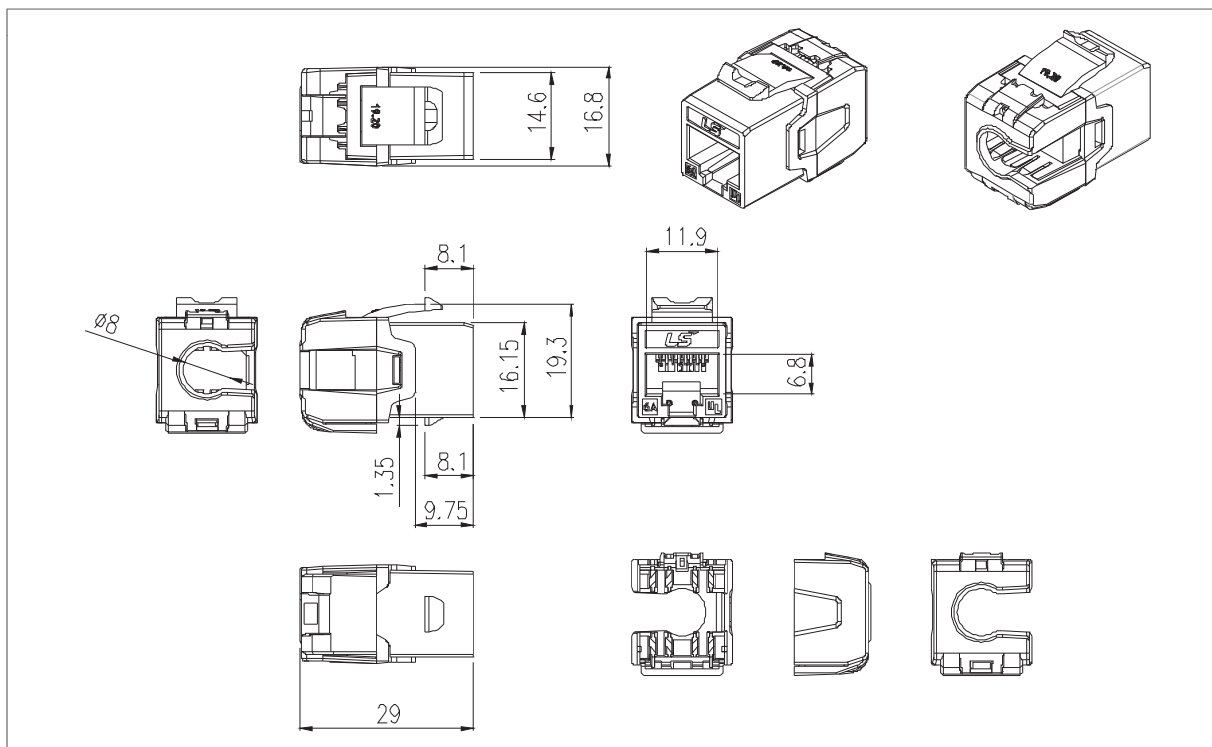
● Technical Details

Item	Unit	Information
<b>FEATURE</b>		
Approvals		UL Listed
Category		ANSI/TIA-568-C.2 Category 6A
Meet		47 CFR part 68
Wiring scheme		T568A/T568B
<b>ELECTRICAL</b>		
Current Rating	Amps	1.5
Insulation Resistance	Mega-ohm	> 500
Contact Resistance	milli-ohm	< 20
DC Resistance	ohm	< 0.1
Voltage	V <sub>AC</sub>	< 150
<b>MECHANICAL</b>		
Insertion Life	Mating cycles	750
Pull Force	lbs(N)	20(89)
Temperature	°C	-40 ~ 68
Humidity	% (RH)	10 ~ 90
IDC accept	AWG	23~26 (Solid wire)
<b>PHYSICAL</b>		
Cap		Polyamide (PA resin)+Glass Fiber, UL 94V-0 rated, Black
Housing		Acrylonitrile Butadiene Styrene (ABS resin) + Polycarbonate (PC resin) UL94V-0 rated
Jack Contacts		Phosphor bronze flat wire, plated with 1.27um (50uin) thick hard gold on contact area over nickel underplate
Contact Bracket		Polycarbonate (PC resin), UL94V-2 rated
PCB		FR4, UL94V-0 rated
IDC Terminals		Phosphor Bronze, plated with tin over nickel underplate
IDC Block		Polycarbonate (PC resin) + Glass Fiber, UL94V-2 rated

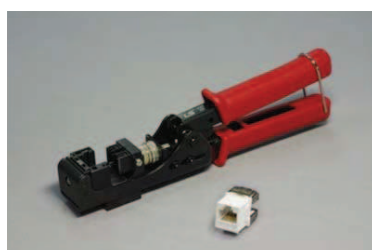
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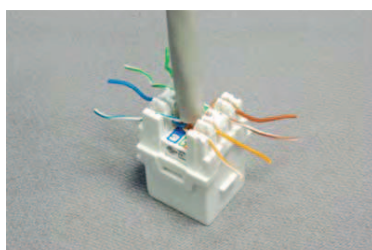
● Drawing



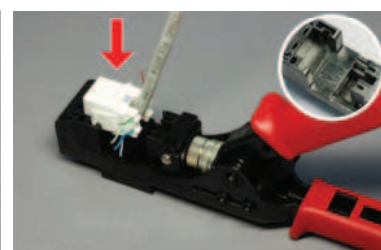
● Installation Manual



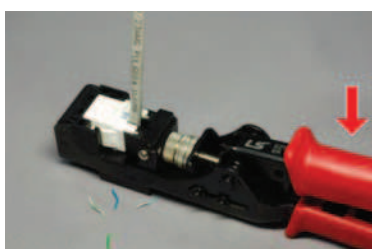
1. Termination tool with ERI modular jack



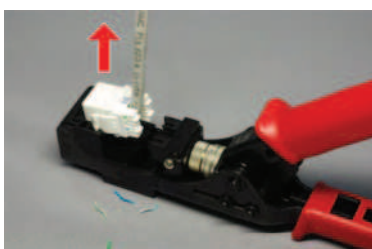
2. Place the wires into the slots according to the wire scheme.



3. Put the Modular Jack onto the EZT tool in the right position.



4. Squeeze the tool then terminate all wires and trim the excess wires at the same time.



5. Remove the Modular Jack vertically away from the EZT tool.



6. Place the cap and be completion.