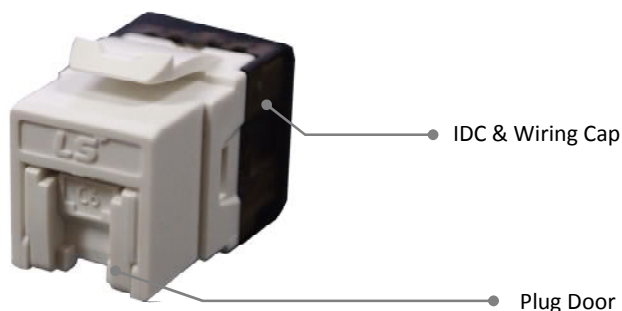


DS CODE:
200215

LS Simple™ Cabling Solution

LS-MJ-UC6-xx-ERD



Description

LS Simple™ Unshielded Modular Jack Door type

- 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 6) 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 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 x W x D, mm)	Part Numbers	Compatible Items
Unshielded Category 6 Modular Jack 180-degree IDC Door type	19.3 * 16.8 * 29.0	LS-MJ-UC6-xx-ERD	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
FEATURE		
Approvals		UL Listed
Category		ANSI/TIA-568-C.2 Category 6
Meet		47 CFR part 68
Wiring scheme		T568A/T568B
ELECTRICAL		
Current Rating	Amps	1.5
Insulation Resistance	Mega-ohm	> 500
Contact Resistance	milli-ohm	< 20
DC Resistance	ohm	< 0.1
Voltage	V _{AC}	< 150
MECHANICAL		
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)
PHYSICAL		
Cap		Polycarbonate (PC resin), UL 94V-2 rated, Transparent 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