LS Simple™ Cabling Solution

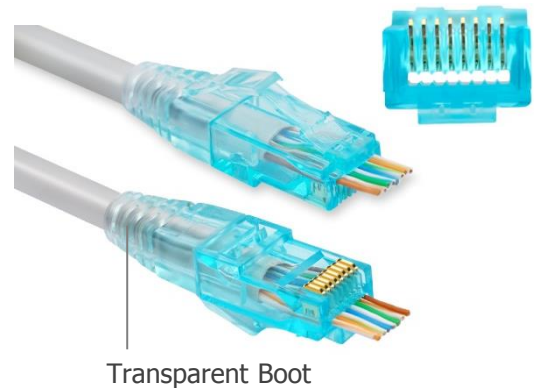## LS Part No. LS-MP-UC6-RJ45-EZ, LS-CT-UC5E(6)-EZ

➤ Description

LS Simple™ Unshielded Category 6 modular plug has 8P8C connection and complies with RJ45 plug specification of CFR 47 part 68.5.

It doesn't need any accessories for assembly except for cable boot. It provides convenience for anyone to assembly and also is easy to check the wiring scheme by thru holes with faster terminations by dedicated tool.

The specialized housing inside structure improves the transmission performance by shorter wire untwisted structure.

Thru hole
(Applicable wire diameter : 1.0mm)

Transparent Boot

Wire Cutting & Crimping at once

➤ Application

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

➤ Part Numbers

Description	Part Number
Category 6 Unshielded RJ45 Modular Plug with thru hole for easy & fast termination, Transparent Blue Color	LS-MP-UC6-RJ45-EZ
Cutting & Crimping Tool for LS-MP-UC6-RJ45-EZ	LS-CT-UC6-EZ

LS Cable&System

The drawing appearing on this page is not a warranty, and may be subject to change or modification without any prior notice.

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➤ Technical Details

Item	Unit	Specification
FEATURE		
Category		ANSI/TIA-568-C.2 (Category 6)
Meet		CFR title 47 Part 68.5 and IEC 60603-7
Wiring scheme		T568A/T568B
ELECTRICAL		
Current Rating	Amps	1.5
Insulation Resistance	Mega-ohm	> 500
Contact Resistance	milli-ohm	< 20
Dielectric Strength	V_{AC}(RMS)	1000
Rated Voltage, Current	V_{AC} max.	< 30 at 1.5A
MECHANICAL		
Insertion Life	Mating cycles	Min. 750
Pull Force	N	Max. 20
Temperature	℃	-20 ~ 68
Humidity	% (RH)	10 ~ 90
Insulation hole diameter	mm	1.00+0.05mm
Cable Diameters	mm	Nom. 6.0mm
PHYSICAL		
Plug Housing		High-impact Polycarbonate (PC), UL 94V-2 rated transparent
Contact Blade		Brass, plated with 50 micro inches thick hard gold over nickel underplate on contact area 3-prong IDC
Boot		PC resin, UL94V-2 rated, OD=6.0mm, transparent RoHS compliant

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▶ Drawing