

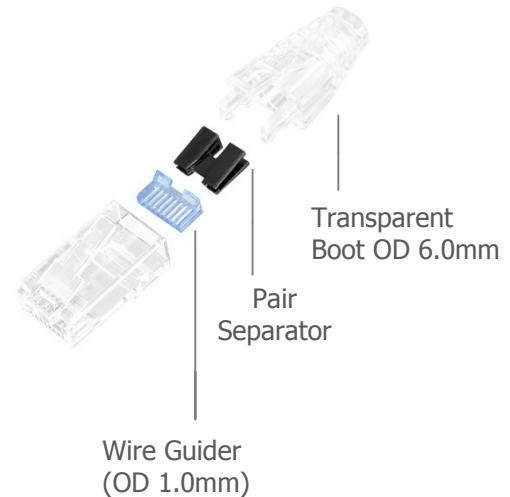
**DS CODE:
500209**

LS Simple™ Cabling Solution

LS Unshielded RJ45 Modular Plug

➤ Description

LS Simple™ Unshielded Modular Plug (8P8C RJ45) has compatibility with LS UTP Category 6 cable and offers superior system characteristics by complying with the specification of CFR title 47 part 68.5 and also it ensures the high-reliability in assembly process with insulation guide and separator.



➤ Application

- For Patch Cord & Equipment Cord Assembly
- 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

➤ Product Code

Description	Product Code	Compatibility Criteria
8P8C RJ45 Unshielded Modular Plug, - 3-prong contact pin structure - 50µ-inch high reliability - Complies with CFR title 47 part 68.5	LS-MP-UC6-RJ45-TR-A6	- Conductor type : 24AWG Solid & Stranded - Insulation diameter : Min. 0.8mm ~ Max. 1.0mm * LS UTP Category 6 cable

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➤ Technical Details

Item	Unit	Specification
FEATURE		
Approvals		UL
Category		ANSI/TIA-568-C.2 (Category 6)
Wiring scheme		CFR title 47 part 68.5 and IEC 60603-7
Configuration		T568A/T568B
ELECTRICAL		
Rated Voltage	VAC max	250V AC max. at 2A
Insulation Resistance	Mega-ohm	> 500
Contact Resistance	milli-ohm	< 20
Dielectric Strength	V _{AC} (RMS)	1000
MECHANICAL		
Insertion Life	Mating cycles	2000
Pull Force(Cable to Plug)	lbs(N)	20 (89)
Temperature	°C	-40 ~ 125
Humidity	% (RH)	10 ~ 90
Allowable Insulation Diameter	mm	Refer to the standard on page 1
PHYSICAL		
Plug Housing		Transparent High-impact Polycarbonate (PC), UL 94V-2 rated
Contact Blade		3-prong IDC Structure, High Reliability

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➤ Drawing

P/N : LS-MP-UC6-RJ45-TR-A6

