

DS CODE:  
400301

## LS Simple™ Cabling Solution

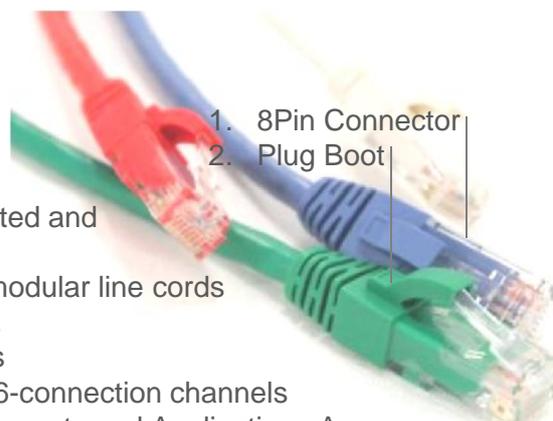
### LS-PC-UC6A(L)-xx-yyy

#### Description

LS Simple™ Category 6A patch cords are fully booted and have clip protection for simple removal. They offer a high performance alternative to satin modular line cords where crosstalk or distance may be considerations.

Comply with ANSI/TIA-568-C.2 performance levels

- Architectural design and flexibility - support max. 6-connection channels
- Qualifies for the LS 25-Year Extended Product Warranty and Applications Assurance when included as part of a registered LS Category 6A Channel
- Cable consists of 24AWG~26AWG wire, each four pair twisted at a different lay length.
- Wiring T568A or T568B
- Comply with plug specifications of 47 CFR part 68 for 8 Pin Modular Plug
- A various of color support



#### Application

- Horizontal Distribution & Backbone Cabling
- 4/16 Mbps Token Ring (IEEE 802.5)
- 10/100/1000 BASE-T (IEEE 802.3)
- ATM 155.52 Mbps
- 10GBAST-T(IEEE 802.3)
- 100Mbps TP-PMD
- ISDN, ADSL
- Analog & digital voice(VoIP) and video
- Full broadband and baseband video

#### Part Numbers

Description	Part Numbers
Category 6A Unshielded Patch Cord with T568B wiring stranded cable	LS-PC-UC6A-xx-yyy
Category 6A Unshielded Patch Cord with T568A wiring stranded cable	LS-PC-UC6A-xx-yyy-AW
Category 6A Unshielded Patch Cord with T568B wiring stranded LSZH cable	LS-PC-UC6AL-xx-yyy
Category 6A Unshielded Patch Cord with T568A wiring stranded LSZH cable	LS-PC-UC6AL-xx-yyy-AW

\* xx denotes color: WH=White, BL=Blue, YL=Yellow, RD=Red, GN=Green, GY=Gray etc.  
yyy denotes lengths: 005(0.5m), 010(1m), 050(5m) etc.

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## LS-PC-UC6A(L)-xx-yyy

### Technical Details

Item	Unit	Information
<b>FEATURE</b>		
Category Standards Wiring scheme		ANSI/TIA-568-C.2 Category 6A 47 CFR part 68 and IEC 603-7 T568A or T568B
<b>ELECTRICAL</b>		
Current Rating	Amps	1.5
Insulation resistance	M-ohm m-ohm	Min. 500 Max. 20
Contact resistance	VAC(RMS)	Min. 1000
Dielectric strength Voltage	VAC	Max. 30
<b>MECHANICAL</b>		
Insertion Life	Mating cycles	750 20 (89)
Pulling force	lbs(N)	-20 ~ 68
Temperature	°C	10 ~ 90
Humidity	% (RH)	24 or 26 AWG stranded wire
Contact accept	AWG	
<b>PHYSICAL</b>		
Plug housing		Polycarbonate (PC), UL 94V-2 over rated
Contact blade		Phosphor bronze plated with 50uin thick gold over 100uin thick nickel undercoat
Cable Jacket		PVC or LSZH

### Drawing

