

DS CODE:
400301

LS Simple™ Cabling Solution

LS-PC-SC6A(L)-xx-yyy



- Shield Cat.6A Cable (S/FTP construction)
- The Plug Boot
- 8-pin shield plug
- PC (Polycarbonate)

➤ Description

LS Simple™ Category 6A shield patch cords are factory terminated, providing the quality required to support your channel requirements. This is fully booted and have clip protection for simple removal. This offers a high performance alternative to satin modular line cords where crosstalk, EMI or distance may be considerations. Cable consists of 26AWG wire, each four pair is twisted at a different lay length.

- Comply with ANSI/TIA-568-C.2 & ISO/IEC 11801 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
- T568A or T568B configuration patch cord wiring
- Fully comply with RJ-45 of 47 CFR part 68 Plug part
- High impact flame retardant plug plastic housing
- Having a full boot cover
- RoHS compliant

➤ 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
Shielded Category 6A Patch cord with T568A Wiring 8P8C	LS-PC-SC6A-xx-yyy-AW
Shielded Category 6A Patch cord with T568B Wiring 8P8C	LS-PC-SC6A-xx-yyy
Shielded Category 6A Patch cord with T568A Wiring 8P8C (LSZH cable)	LS-PC-SC6AL-xx-yyy-AW
Shielded Category 6A Patch cord with T568B Wiring 8P8C (LSZH cable)	LS-PC-SC6AL-xx-yyy

* 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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Technical Details

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

Drawing

