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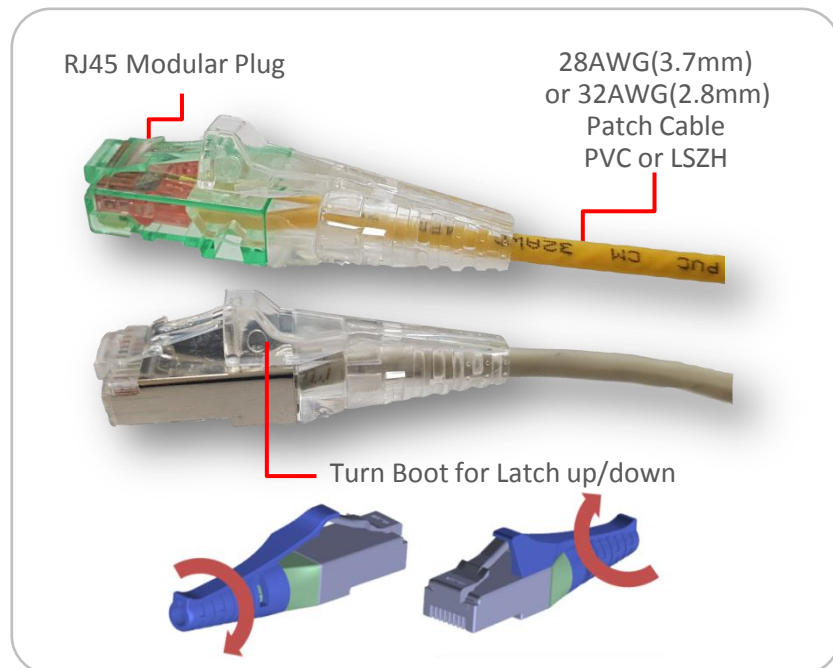
400709

LS Simple™ Copper Cabling Solution

LS Category 6 or 6A Mini Turn Boot Patch Cord

Description

- LS Simple™ Category 6 or Category 6A Mini Turn Boot Patch Cord
- Patch cable consists of 28AWG(3.7mm) or 32AWG(2.8mm) for UTP and 32AWG(3.8mm) for FTP stranded bare copper wire
- Meet the ANSI/TIA-568-C.2 channel level performance
- Optimized for HD (High-Density) system configuration in telecommunication room & air flow and cabling managing in data center.
- Possible to T568A or T568B wiring
- Comply with plug specifications of CFR title 47 part 68 for 8-pin modular plug



Applications

- Horizontal Distribution & Backbone Cabling
- 4/16 Mbps Token Ring (IEEE 802.5)
- 10/100/1000BASE-T (IEEE 802.3) above
- 155Mbps
- 100Mbps TP-PMD
- ISDN, ADSL
- Analog & Digital voice (VoIP) and video
- Full broadband and baseband video
- ATM LAN 1.2Gbit/s
- Connection between RF base station backbone
- HD configuration in TR & Data Center

Part Numbers

Description	Part Numbers
UTP Category 6 or 6A 28AWG Mini Turn Boot Patch Cord, PVC	LS-MTPC-UC6(A)-xx-yyy
UTP Category 6 or 6A 28AWG Mini Turn Boot Patch Cord, LSZH	LS-MTPC-UC6(A)L-xx-yyy
UTP Category 6 or 6A 32AWG Mini Turn Boot Patch Cord, PVC	LS-MTPC-UC6(A)32-xx-yyy
UTP Category 6 or 6A 32AWG Mini Turn Boot Patch Cord, LSZH	LS-MTPC-UC6(A)32L-xx-yyy
FTP Category 6 or 6A 32AWG Mini Turn Boot Patch Cord, PVC	LS-MTPC-SC6(A)32-xx-yyy
FTP Category 6 or 6A 32AWG Mini Turn Boot Patch Cord, LSZH	LS-MTPC-SC6(A)32L-xx-yyy

* xx denotes patch cable color : WH (White), BL (Blue), YL(Yellow), GN(Green), GY (Grey), BK(Black) etc.

* yyy denotes patch cord length : 005 (0.5m), 010 (1m), 020 (2m), 030 (3m), 040(4m), 050(5m). (Max. 5m)

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➤ Technical Details

Item	Information
Transmission Performance	ANSI/TIA-568-C.2 Category 6 or 6A Channel performance level - In case of UTP 28AWG : Max. Channel Length 100m for Category 6A (Permanent Link 90m + Combined Cord Length 10m) - In case of UTP 32AWG : Max. Channel Length 97m for Category 6A (Permanent Link 90m + Combined Cord Length 7m) - In case of FTP 32AWG Max. Channel Length 97m for Category 6 (Permanent Link 90m + Combined Cord Length 7m) Max. Channel Length 98m for Category 6A (Permanent Link 90m + Combined Cord Length 8m)
Plug standards	CFR title 47 part 68 and IEC 60603-7
Wiring scheme	T568A or T568B
Insertion Life	750 Mating cycles
Shell (Shielded)	Brass
Plug housing	Polycarbonate (PC), UL 94V-2 over rated
Contact blade	Phosphor bronze plated with 50uin thick gold over 100uin thick nickel undercoat
Cable Structure	Stranded Bare Copper 28AWG or 32AWG Conductor Outer diameter : 3.7±0.2mm (UTP 28AWG, 7/0.13mm) 2.8±0.2mm (UTP 32AWG, 7/0.08mm+50D) 3.8±0.2mm (FTP 32AWG, 7/0.08±0.008mm)
Temperature	-20 ~ 68 °C
Humidity	10 ~ 90 % (RH)