LS Cable & System

LS Simple™ Data Center Solution

Structured Cabling System

G r e a t e r   V a l u e   T o g e t h e r
LS Cable & System

Simple™
www.lssimple.com

12~17F, LS Tower, 127 LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do, 431-848, Korea
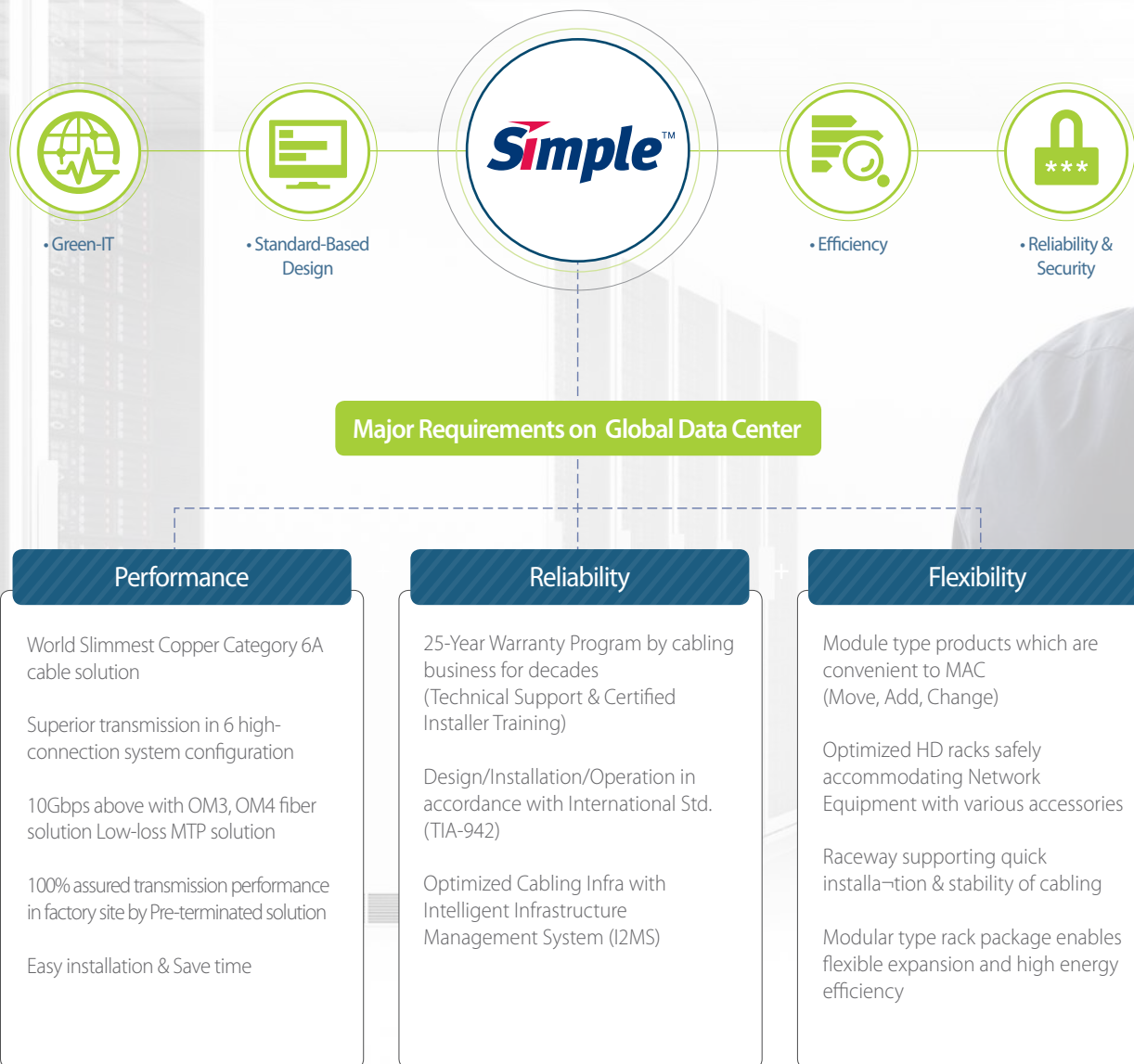www.lssimple.com

LS Simple™ Data Center Solution

Traditional concerns of data center stakeholders are keeping their applications running and their networks scalable, available, and secure. However, over the last five years, demand for processing power has surged and server/storage equipment densities have increased dramatically. It has become increasingly difficult to specify cost-efficient power and cooling solutions that keep up with new applications.

Technology evolution in the data center is challenging IT managers to effectively budget and develop reliable, high-performance, secure, and scalable network infrastructure. Server consolidation through virtualization, the growing density of network storage systems, and the bigger and multiple workloads allowed by multicore architectures all drive demand for higher-bandwidth network connections.

Leading-edge LS Simple™ Data Center Solution makes your mission-critical complicated business simple to superior performance and trouble free networks.

LS Simple™ provides the data center solution fulfilling efficient cabling management and Green-IT infra by optimized deployment of rack & cabling, which leads to reliable and stable network service.

Simple™

- Green-IT
- Standard-Based Design
- Efficiency
- Reliability & Security

Major Requirements on Global Data Center

Performance

World Slimmest Copper Category 6A cable solution

Superior transmission in 6 high-connection system configuration

10Gbps above with OM3, OM4 fiber solution Low-loss MTP solution

100% assured transmission performance in factory site by Pre-terminated solution

Easy installation & Save time

Reliability

25-Year Warranty Program by cabling business for decades
(Technical Support & Certified Installer Training)

Design/Installation/Operation in accordance with International Std. (TIA-942)

Optimized Cabling Infra with Intelligent Infrastructure Management System (I2MS)

Flexibility

Module type products which are convenient to MAC
(Move, Add, Change)

Optimized HD racks safely accommodating Network Equipment with various accessories

Raceway supporting quick installa¬tion & stability of cabling

Modular type rack package enables flexible expansion and high energy efficiency

01. LS Copper Cabling System

02. LS Environmental Management Solution

03. LS Copper Tray System

04. LS Simple Path™

05. LS Fast-Net™ Copper Solution

06. LS HD Copper Patching

07. LS HD Fiber Patching

STORAGE ROOM

EDA AREA

MDA AREA

HDA AREA

Simple™

LS Data Center Solution

07. LS Fast-Net™ MPO/MTP Solution

08. LS SimpleWin™ Software

09. LS Security Patch Cord Solution

10. LS SimpleWin™ Hardware

11. LS SimpleWin™ Dashboard

Copper Cabling System

Category 6A Cable

Overview

LS Simple™ Category 6A Copper Cable is designed for high performance data transmission. This enables user to transmit 10Gbps above data and suit to design on cabling to cover from equipment zone to patching zone.

LS Simple™ Ultra-Super Slim U/UTP Category 6A cable is a special development to support 10Gbps networking within dense and short length environments of data center. It complies with ANSI/TIA-568-C.2 and ISO/IEC 11801 for channels of Max. 70m or permanent links of max 60m when used in combination with LS Simple™ Category 6A connectors.

Features & Benefits

- LS unique Segmented Shield Technology applied to mitigate Alien Noise.
- Support Max. 70m channels or permanent link of max 60m (Ultra Super Slim Cable)

Space Efficiency & Mitigation from Alien Noise
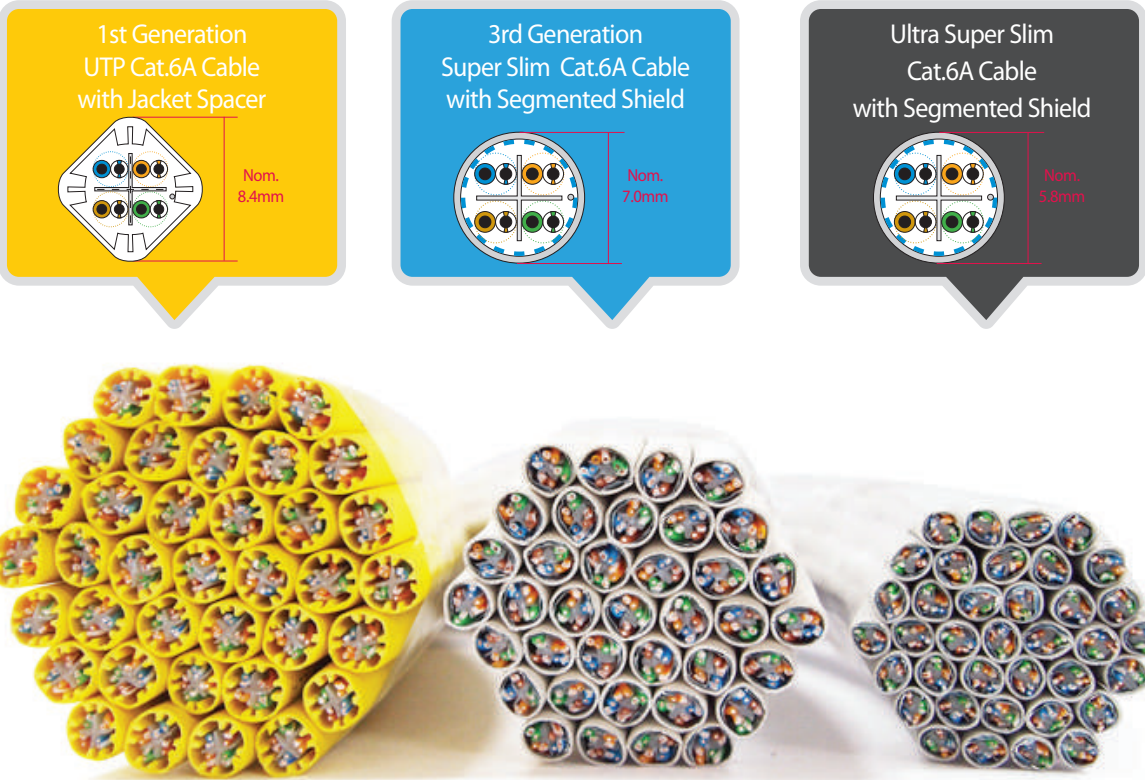
	1st Generation UTP Cat.6A Cable with Jacket Spacer	3rd Generation Super Slim Cat.6A Cable with Segmented Shield	Ultra Super Slim Cat.6A Cable with Segmented Shield
	Nom. 8.4mm	Nom. 7.0mm	Nom. 5.8mm
6 Bundle Diameter	27mm	21mm	17.4mm
Surface	100%	60%	42%
Channel Length	100m	100m	70m

Stable Performance & Sufficient Electrical Margin

- Extended 6-Connection Channel Performance, 3rd Party Certification of Super Slim Cat.6A

General 4-Connection Configuration for Structured Cabling

6 Connection NEXT Worst margin : 7dB

Worst Case 6-Connection for Complex Data Center
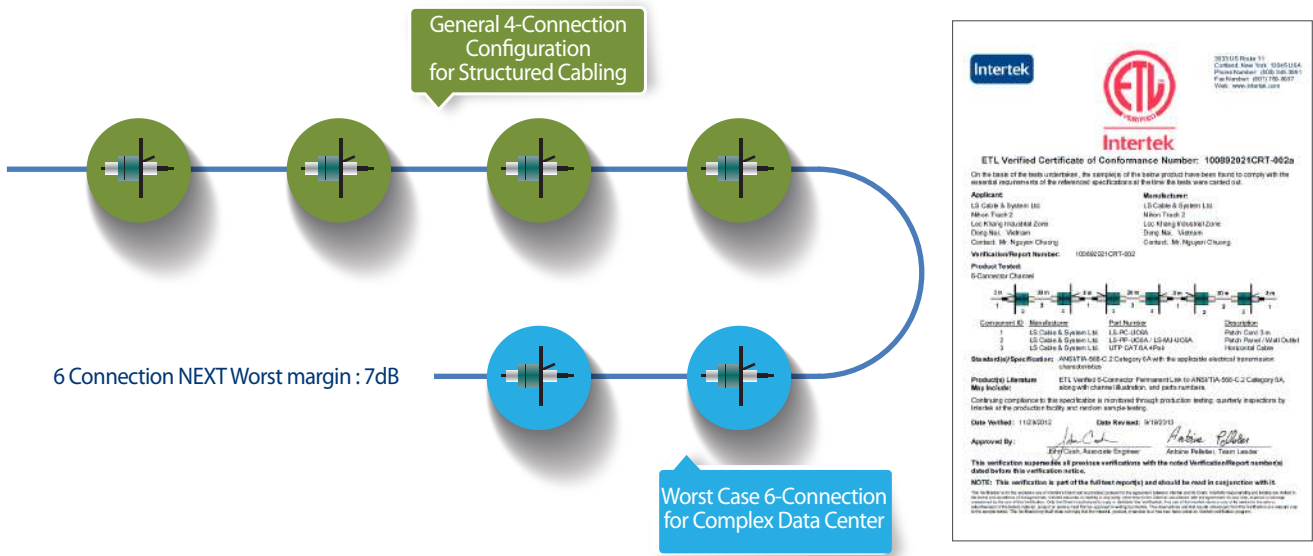
- Stable 70m channel performace of ultra super slim C6A cable with mini patch cord

< Return Loss >   < Cross-talk >

RL - (6CONNECTION-7)   NEXT - (6CONNECTION-7)

Electrical Margin   Electrical Margin
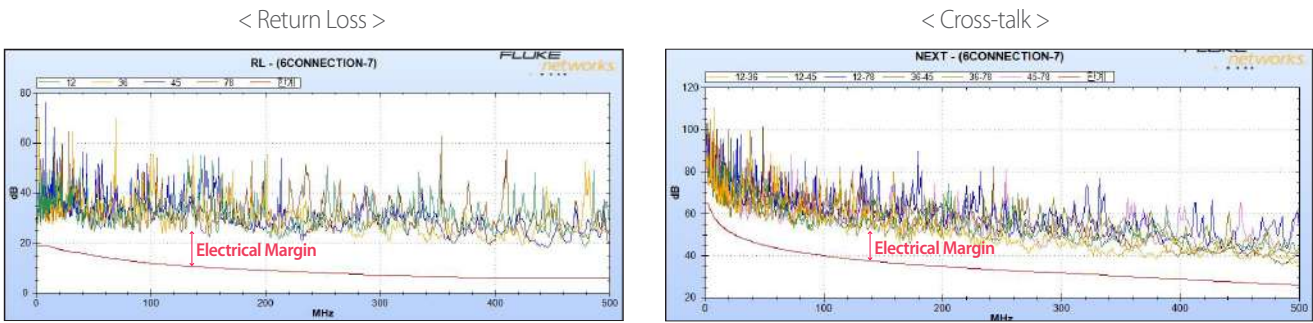
- The 70m channel link of ultra-super slim Cat.6a and 30AWG slim patch cords have a sufficient headroom performance for stable service of data center

Product Details

Item	Model	Part Number	Description
	Super Slim UTP Category 6A Cable	UTP-A-C6G-E1VF-X(M or R) 0.5X004P/## (PVC, CMX or CM or CMR Grade) UTP-A-C6G-E1ZF-X(M) 0.5X004P/## (LSZH 60332-1 or 60332-3 Grade)	Nominal 7.0mm Super Slim 23AWG Category 6A U/UTP Cable with LS Segmented Shield
	Ultra Super Slim Category 6A Cable	UTP-A-C6G-E1VL-X(M or R) 26AWGX004P/## (PVC, CMX or CM or CMR Grade) UTP-A-C6G-E1ZF-X(M) 0.5X004P/## (LSZH 60332-1 or 60332-3 Grade)	Nominal 5.8mm Ultra Super Slim 26AWG Category 6A U/UTP Cable with LS segmented shield

Copper Cabling System

High-Density Patch Panel

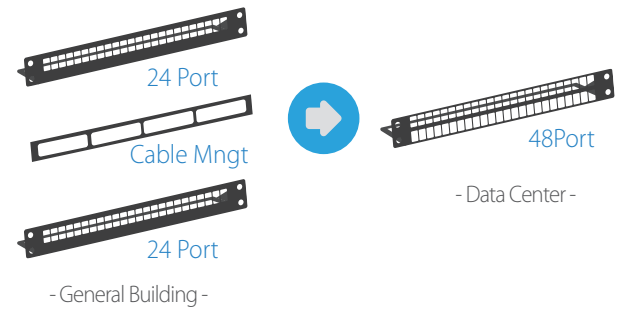# Copper Cabling System

Slim & Mini Patch Cord

Overview

LS Simple™ High-Density 48-port per 1RU Horizontal or Angled Empty Panel are optimized solution for high-density data center application.

It's cost-effective way to increase rack space utilization by eliminating the needs of accessories such that horizontal management etc. and is conveniently manageable by reduced bend radius specification.

Overview

LS Simple™ Category 6 or Category 6A mini patch cords are optimized solution for dense and short data center patching environment with 3.3mm(Cat.6) & 4.5mm(Cat.6A). Of course this solution also meets the ANSI/TIA-568-C.2 and ISO/IEC 11801 standard up to 5m length.

LS Simple™ Mini Patch Cord reduces rack vertical cable management capacity and don't obstruct air flow in rack. It maximizes the energy efficiency.

Features & Benefits

- Two types 48-port/RU patch panel supports(Flat/Angled)
- Various environment supports by jack with dust proof slide door
- Efficient maintenance by individual jack type panel installation
- Exact & Fast IDC termination by Easy Tool

Features & Benefits

- 26AWG(General) & 30AWG (Mini) Stranded Wire
- Factory terminated and 100% tested
- Superior transmission performance & Easy handling by small OD
- Security enhancement & easy-plug in/out by dedicated turning boot technology

Space Saving

24 Port

Cable Mngt

24 Port

- General Building -

48Port

- Data Center -

Easy & Reliability IDC Connection

Easy tool enables installers to not only reduce installation time but also increase performance reliability with precise IDC punching.

Small bending radius

AWG	Cord O.D(mm)	Bend Radius(R, min)
26AWG	6.0mm	24mm
30AWG(C6)	3.3mm	13mm
30AWG(C6A)	4.5mm	18mm

Easy Plug Out By Turn Boot

LS turn boot plug technology makes easy plug in and out case of high density zone

Product Details

Item	Model	Part Number	Description
HD Flat Patch Panel	LS-PP-48P-E-WM-1U	Flat Individual Jack type Empty Patch Panel 1U 48Port	
HD Angled Patch Panel	LS-APP-48P-E-WM-1U	Angled Individual Jack type Empty Patch Panel 1U 48Port	
Modular Jack	LS-MJ-UC6A-XX-ERI LS-MJ-UC6A-XX-ERD (Slide door type)	(Door Type) Enhanced Slim Modular Jack for Patch Panel	
Tool	LS-EZT-TOOL-ER	Easy Termination Tool for Modular Jack	

Product Details

Item	Model	Part Number	Description
Category 6A Patch Cord	LS-PC-UC6-xx-yyy LS-PC-UC6A-xx-yyy (xx : Color, yyy : length)	UTP Category 6/6A 26AWG Patch Cord	
Mini Patch Cord	LS-MTPC-UC6-xx-yyy LS-MTPC-UC6A-xx-yyy (xx : Color, yyy : length)	Mini Turn Boot UTP Category 6/6A 30AWG Patch Cord	

Fast-Net™ Solution

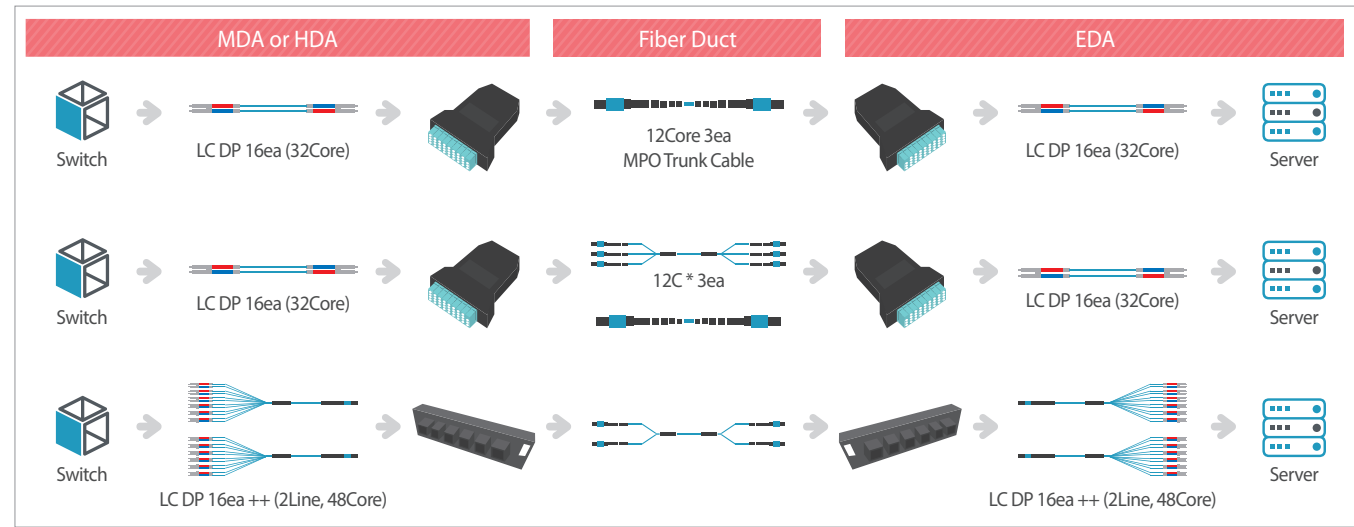Pre-terminated Fiber Cabling

Overview

LS Simple Fast-Net™ MPO/MTP solution is pre-terminated solution which means it can easily expand or relocate systems without relocating patch cords and cassette. Therefore it can be applied to maintenance of currently operating solution to respond flexibility to the customers who consider physical configuration, space-efficiency and future scalability.

By providing pre-terminated product in the factory, LS Simple Fast-Net™ MPO/MTP solution can guarantee high performance & long link length as a result of enhanced insertion loss and decrease of resistance. Also it can reduce human effort when terminating on site with no needs of special tools to terminate optical cables.

Features & Benefits

- High-density connection with multi-core (up to 24-core) support
- Class OF-300 channel support
- Push-pull type connecting for easy & fast installation
- 40/100Gbps parallel transmission (IEEE 802.3ba) support solution

Fiber System Configuration

1G/10G System

MDA or HDA	Fiber Duct	EDA
Switch → LC DP 16ea (32Core)	12Core 3ea MPO Trunk Cable	LC DP 16ea (32Core) → Server
Switch → LC DP 16ea (32Core)	12C * 3ea	LC DP 16ea (32Core) → Server
Switch → LC DP 16ea ++ (2Line, 48Core)		LC DP 16ea ++ (2Line, 48Core) → Server

40G/100G System

MDA or HDA	Fiber Duct	EDA
		Switch
Switch		
		Server
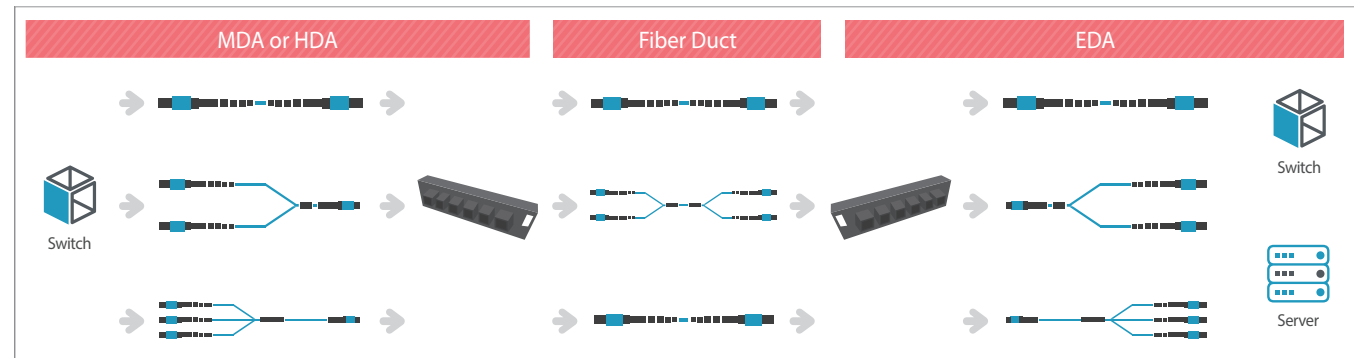
Benefits

Time Save & Easy Install

Fast-Net™ Solution saves installation time drastically compare to traditional cabling way
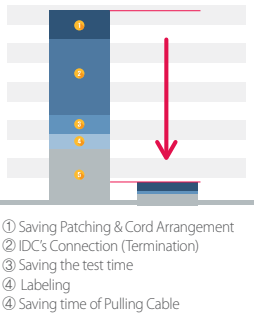
Maintenance Price down

Fast-Net™ FFiber Solution saves cabling duct space and doesn't need fiber connection so decrease human resources and fault

① Saving Patching & Cord Arrangement
② IDC's Connection (Termination)
③ Saving the test time
④ Labeling
④ Saving time of Pulling Cable

Product Details

Item	Model	Part Number	Description
	Drawer Closure	LS-FDF-MC1U-EP4M-D	Fiber Distribution Frame 1U, Empty Closure body, 4 empty holes for FDM module or MCF cassette, slide type
	Outer Closure	LS-FDF-MCxU-EPyM-O (x:1U~4U, y: 4/8/12/16)	1U~4U Fiber Distribution Frame, Empty Closure body, 4~16 holes for MCM cassette or adaptor panel
	Vertical Type Outer Closure	LS-FDF-MC4U-EP10M-VI	FDF 4U, Empty enclosing body, 10 empty vertical holes for FDM module or MCF cassette, inner type
	Empty Panel	LS-PPP-UC-24P-EP4-WM-C LS-APP-UC-24P-EP4-WM-C	Flat/Angled 4 Module Empty Front Patch Panel
	MCM Cassette Module	LS-MCM-LC-DP(or 4M)-xx-SM (or M3 or M4) (xx: 12~36 core)	MTP Pre-term. Cassette, LC type 12~36 core
	MTP Adaptor Panel	LS-MCM-MCC6	MTP 6-port Adaptor Panel for cross-connection
	Blank Panel	LS-FDM-BLK	Blank Module For Empty Front Panel
	Trunk Cable (MTP-MTP)	LS-MTC-FF(or MF)-xx-12Z(or 24Z)-yyy (c.f. FF : Female, MF : Male)	MTP connector Trunk Cable with 12-core/24-core Micro Distri. Cable, LSZH
	Fan-Out Cord	LS-MFC-FLC-xx-12Z(or 24Z)-yyy LS-MFC-MLC-xx-12Z(or 24Z)-yyy (c.f. FLC : Female LC type, MLC: Male LC type)	MTP to 12/24-core LC Fan-out Cord, LSZH
	Fiber LC Jumper Cord	LS-JC-LC/LC-xx-20DPZ-yyy (xx:SM/M3/M4, LSZH) LS-JC-LC/LC-xx-20DPV-yyy (xx:SM/M3/M4, PVC)	Fiber Jumper Cord LC Duplex, LSZH or PVC

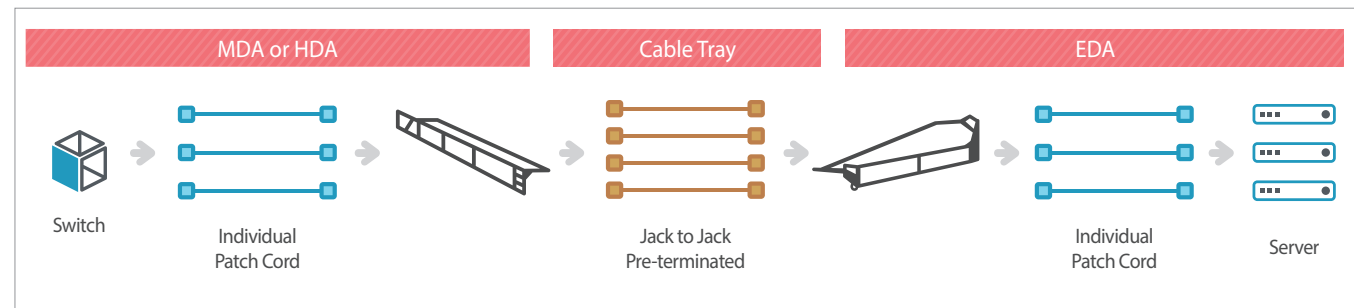# Fast-Net™ Solution

Pre-terminated Copper Cabling
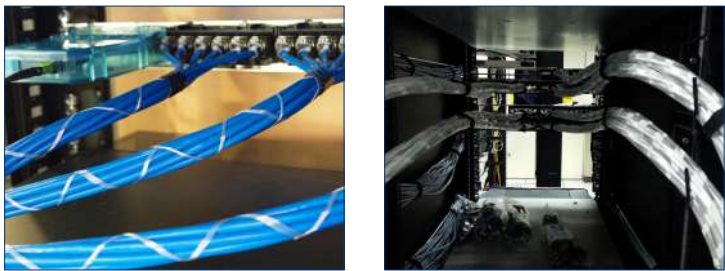
Overview

Simple Fast-Net™ copper pre-terminated solution is factory terminated, providing the quality required to support your channel requirements. It offers a high performance & stable six bundle cabling.

Simple Fast-Net™ is ideal solution for IBS or Data Center building because it doesn't need to punch down for IDC connection and is easily maintained by detachable module type solution. So it's possible for quick cabling and saves the installation time up to 80%.

Features & Benefits

• Easy Installation by 6 bundle All-In-One structure
• 100% factory terminated & tested

• Customized cable manufacturing & labeling
• Design to prevent kink with central filler

Copper System Configuration

MDA or HDA		Cable Tray	EDA	
Switch	Individual Patch Cord	Jack to Jack Pre-terminated	Individual Patch Cord	Server

Product Details

Item	Model	Part Number	Description
Empty front Panel	LS-PPP-UC-24P-EP4-WM-C LS-APP-UC-24P-EP4-WM-C	Flat/Angled 4 Module Empty Front Panel	
6 Bundle Pre-terminated Cord	LS-PC6-UC6A(USC6A)-wxx-JJ(JP)yy-zzz-ERI (w - cable flame retardant rate: M(CM), L(LSZH) xx - cable color, yy– connector color zzz - cable length: 005(0.5m), 010(1m), 050(5m)	Pre-terminated Category 6/6a 6 Bundle Cord Jack to Jack & Jack to Plug UC6A : 7.0mm Cable USC6A : 5.8mm Cable	

Security Solution

Security Copper/Fiber Cord

Overview

LS Simple™ Security patching solution supplies two security functions, restriction to port-connection from the unauthorized, prevention of dis-connection for port carrying the important mission.

Features & Benefits

Tamper Resistance
• Security key locks in the plug for added physical security

Versatility
• Designed for pre-terminated and field terminated applications

Flexibility
• Compatible with industry-standard copper/fiber connectors
• Slim-line and compact design ideal for high-density applications in mission critical facilities

Protect Connection

Instruction for security Patch Cord

Un-locked   Locking   Key release
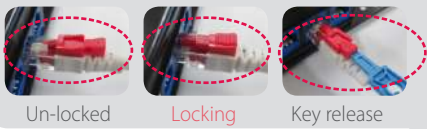
Protect Empty Port

Stopper blocking port from anonymous connection and open by using stopper key

Product Details

Item	Model	Part Number	Description
	Security Patch Cord	LS-SPC-UC6(A)-xx-yyy (xx : color, yyy : length)	Security Enhanced Copper Patch Cord
	Copper Key	LS-TOOL-SPC	Security Key
	RJ45 Stopper	LS-SRS-BL	Security Stopper For RJ45 Modular
	Stopper Key	LS-TOOL-SRS	Security Stopper Key For RJ45 Modular
	Security Jumper Cord	LS-SJC-SM(M3)-20DPV-yyy (yyy: Length)	Security Enhanced Fiber Jumper Cord
	Fiber Key	LS-TOOL-SPC/SLS	Security unlock/lock key for Cord & Stopper
	LC Stopper	LS-SLS-BL	Security Stopper for LC module

Data Center Rack

Network & Server Rack

Overview

Data Center needs an optimized cabling environment for services. Network rack packages are designed for high density cable data circumstances by providing special VCM. The LS Simpletm meet TIA/EIA 310-D standard and 19 inch rack type standard
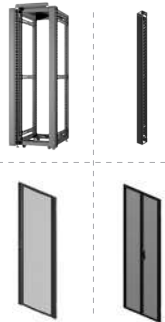
Features & Benefits

- Steel Frame, 70% Above Perforation
- Dual Door(Customized doors are available)
- Mounting bar: Al

- Load Capability Maximum 1200kg
- 19inch Rack and TIA/EIA 310-D Compliant
- Cage Nut M5/M6 Screw Used.

Server & Network Rack Details

Item	Model	Part Number	Description
Server HD Rack		LS-HDR-SVR31A-EX (31U)	1600*600*1000
		LS-HDR-SVR36A-EX (36U)	1800*600*1000
		LS-HDR-SVR40A-EX (40U)	2000*600*1000
		LS-HDR-SVR42A-EX (42U)	2100*600*1000
		LS-HDR-SVR42D-EX (42U)	2100*600*1100
		LS-HDR-SVR45A-EX (45U)	2200*600*1000
Network HD Rack		LS-HDR-NWK36A-EX (36U)	1800*800*1000
		LS-HDR-NWK40A-EX (40U)	2000*800*1000
		LS-HDR-NWK42A-EX (42U)	2100*800*1000
		LS-HDR-NWK45A-EX (45U)	2200*800*1000
HD Rack Accessory		LS-FG-A-EX (10U)	VCM Finger Kit For High Density Rack

Individual Rack Details

Item	Model	Part Number	Description
Rack Frame		LS-HVF-xxS-EX (xx : 36/42/45)	4 Post Rack Frame (36U, 42U, 45U)
VCM		LS-VCM-xxS-EX (xx : 36/42/45)	VCM For Separation Rack
Side Door		LS-SD-xxS-EX (xx : 36/42/45)	Side Door For Separation Rack
Door		LS-FD-xxS-EX (xx : 36/42/45)	Front Door For Separation Rack Perforated ratio 70%

Containment System

Customized Module Type Rack

Overview

Proposed customized module type rack PKG solution enable data center to save energy and maintaining proper temperature and humidity therefore, best cooling and minimizing consumption of power is feasible.
Also LS containment system provides for scalable and flexible modular rack package system to meet data center future expansion.
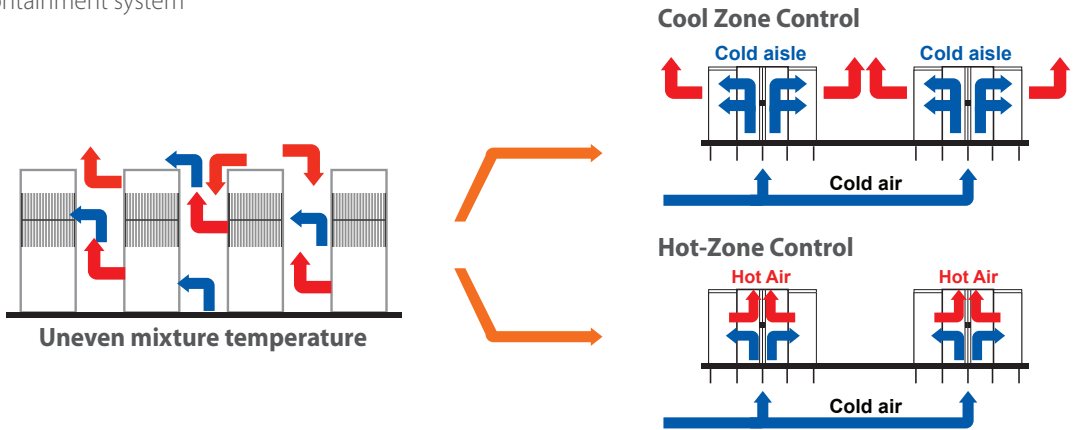
Features & Benefits

Customized Modular Way

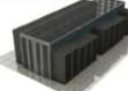Containment Curtain Design

One Way Module type Design

- 6 Racks (2 by 3), 8 Racks (2 by 4), 10Racks (2 by 5) etc. Available on Direction Module type
- Physical Hardware Infrastructure enable to separate on Cold Aisle & Hot Aisle in internal data center for optimized cooling.

Air-Flow Control

The containment provides the maximum efficiency of air condition by deploying racks in most-optimized way in line with LS containment system

Uneven mixture temperature

Cool Zone Control

Cold aisle   Cold aisle

Cold air

Hot-Zone Control

Hot Air   Hot Air

Cold air

Product Details

Item	Model	Part Number	Description
Modular Type Rack Package		LS-ECU Series (Contain Efficient Cooling System)	6 Racks (2 by 3), 8 Racks (2 by 4), 10 Racks (2 by 5) etc
Cool-Zone Structured Kit CM Series		LS-CM Series (Structured Cool Zone)	Cool zone kit

Simple Path™ System
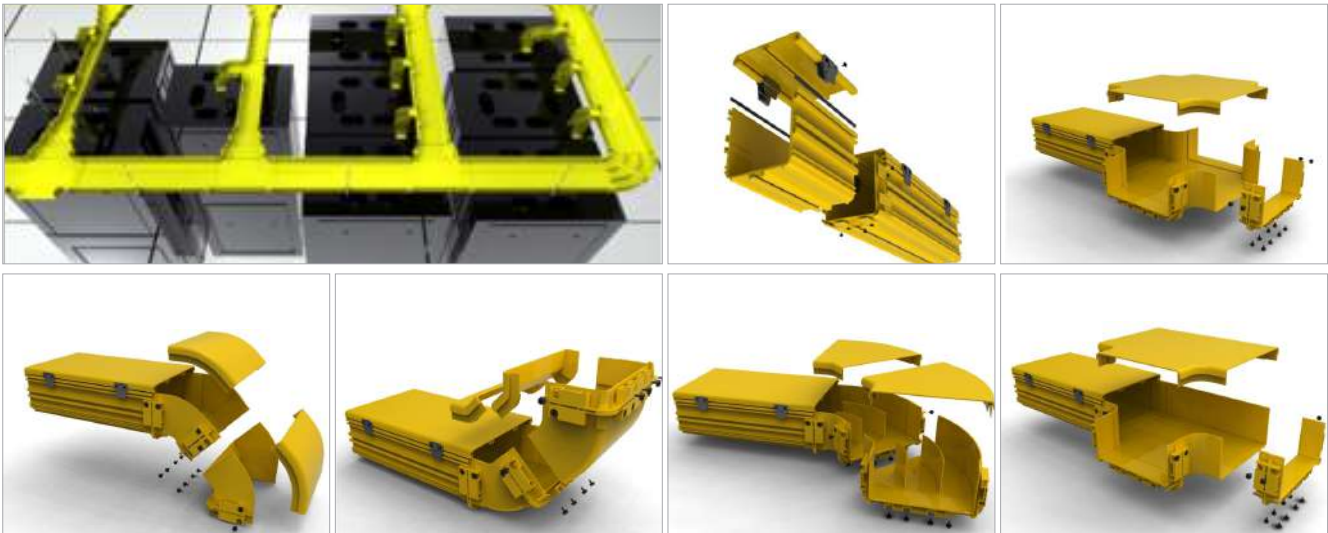
Fiber Tray Solution

Overview

LS Simple Path™ fiber optic raceway system is designed perfectly that routes, isolates and protects fiber optic jumper cords, optical cables from the point of building entry to fiber distribution frames, fiber optic terminal device in safety as well as fiber optic raceway system made of PC/ABS that provides excellent heat stability, weather resistance, halogen free, heat resistance, dimensional stability and flame retardant for environmentally safe products.

LS Simple Path™ fiber optic raceway system adopts snap-fit connecting way that provide simple easily, compact and quick installation for a various applications without special tools, so it guarantee to save a time, expense and working force of installers.

Features & Benefits

- No need a special tools
- Provides excellent durability
- Easy drop arrangement
- Compatibility with other brand

Easy and speedy installation (assemble type)

Product Details

Item	Model	Part Number	Description
	Fiber Duct Package	LS-DS-Series	Fiber optic raceway system package for data center

Simple Path™ System
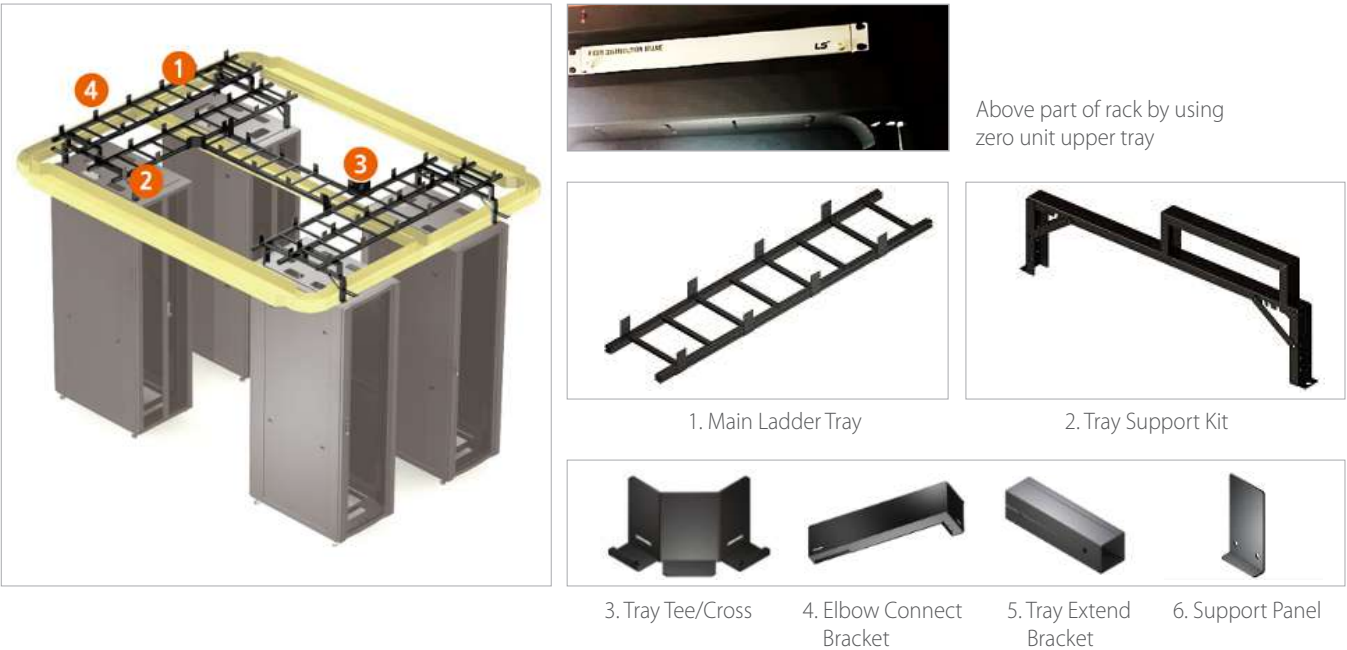
Copper Tray Solution

Overview

Copper Ladder Tray provides optimized cabling solution on location and drop point of rack can be combined with fiber raceway to make manageable circumstances.
Circumstances on patching for top of rack can be minimized, and location of rack can be convenient by providing Zero Unit Upper Tray. FDF and copper panel can be installed by installing Upper Tray.

Features & Benefits

- Tray as per location of Rack
- Ceiling and bottom of flooring work
- Non Toxic Materials (RoHS, Halogen-Free)
- Steel and Aluminum Materials
- Zero-U type 19inch installable frame function provide

Easy and speedy installation

Above part of rack by using zero unit upper tray

1. Main Ladder Tray
2. Tray Support Kit
3. Tray Tee/Cross
4. Elbow Connect Bracket
5. Tray Extend Bracket
6. Support Panel

Product Details

Item	Model	Part Number	Description
	Fiber Duct Package	LS-LT- Series	Copper tray system package for data center management

Intelligent Infrastructure Management System

SimpleWin™ Data Center Management
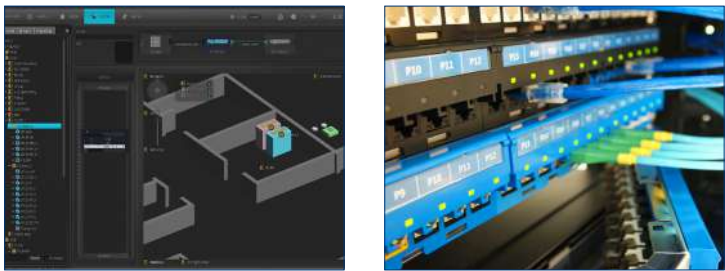
Overview

The LS SimpleWin™ Intelligent Infrastructure Management System drastically speeds up and simplifies site planning, daily network provisioning, as well as maintenance and security. With the ability to keep an accurate inventory of all assets anyplace and anytime, comprehensive visibility is added into the datacenter and workspace facilities providing increased power and flexibility

Features & Benefits

- Real-time error management
- Capture and discover error point and port
- Analyze connection status across

- Helps to track on IP and MAC address
- Work order by portable electronics
- CAD drawing is available

Long-term Operating Cost Saving

Plan
Modifying
Recovery
Documentation

It's important not only build a optimized network but also maintain network status optimized because of it's mission critical network system and various function contained server.

SimpleWin™ offers a system platform how to manage network assets and connection in the data-center. The system support plan, modifying, recovery, documentation and suggest best way to manage data-center optimized for a long time.

Minimized Down Time & Enhanced Physical Layer Security

Environment
Infrastructure
Human Error
14%
15%
71%

[Main reason of network down]
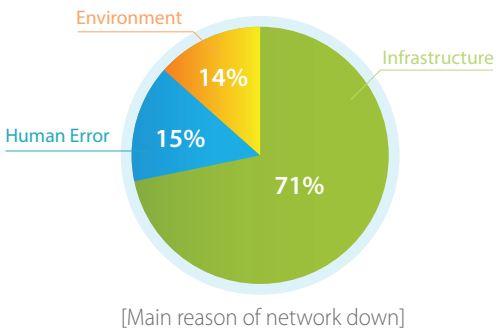
Almost 70% whole network errors come from improper network infra management and among these 46% are considered as physical connection management faults.

It's a almost impossible to find a fault network port if network infrastructure have been unmanaged. It causes long-delayed service break-down and generates extra costs.

SimpleWin™ offers a management methodology of network infrastructure with various software functions and real time detecting technology of SimpleWin™

Efficient Management with real-time software

SimpleWin™ Software offers easy to use software function by 3D drawing based eidetic UI design.

And SimpleWin™ Software monitors network connection status in the real time and dealing with emergency situation by using smart device.

Product Details

Item	Model	Part Number	Description
SimpleWin Controller	LS-IC960-PS1A (40 Panel) LS-IC960-PS2A (40 Panel, 2 Power) LS-IC384-PS1A (16 Panel)		Control & monitor Intelligent Patch Panel & FDF
SimpleWin IPP Cable	LS-ICPC960-xxx-A (xxx : cable length)		Support 4 Panel to connect controller and patch panel
SimpleWin Patch Panel	LS-IPPx-UC-24P [x : I (inter), C (Cross)]		Flat type 24Port Intelligent Patch Panel
SimpleWin Patch Panel	LS-IAPx-UC-24P [x : I(inter), C(Cross)]		Angled type 24Port Intelligent Patch Panel
SimpleWin Patch Cord	LS-IPCx-UC6A-yy-zzz [x : I(inter), C(Cross)] (yy : color) (zzz : cord length)		Intelligent Copper Patch Cord C6/C6A Support
SimpleWin Security Patch Cord	LS-IPCS-UC6A(L)-xx-yyy (xx : cable color) (yyy : cable length)		Intelligent Security Copper Patch Cord C6/C6A Support for inter-connection
SimpleWin FDF	LS-IFDC-LC-M3-C-048-DP-D		Intelligent Fiber Distribution Panel
SimpleWin FDF	LS-IFDC-LC/MPO-M3-C-048-DP-D		Intelligent Fiber Distribution Panel MTP Fan-out Type
SimpleWin Jumper Cord	LS-IFCC-IL/IL-M3-XXXXX-YYY series		Intelligent Fiber Distribution Panel MTP Fan-out Type
SimpleWin Management Software	LS-IMSW-W-xxxxx (xxxxx : Port License)		SimpleWin Management Software for PC
SimpleWin Mobile Software	LS-IMSW-M-xxxxx		SimpleWin Software for Android Mobile

LS Simple™ Warranty Program
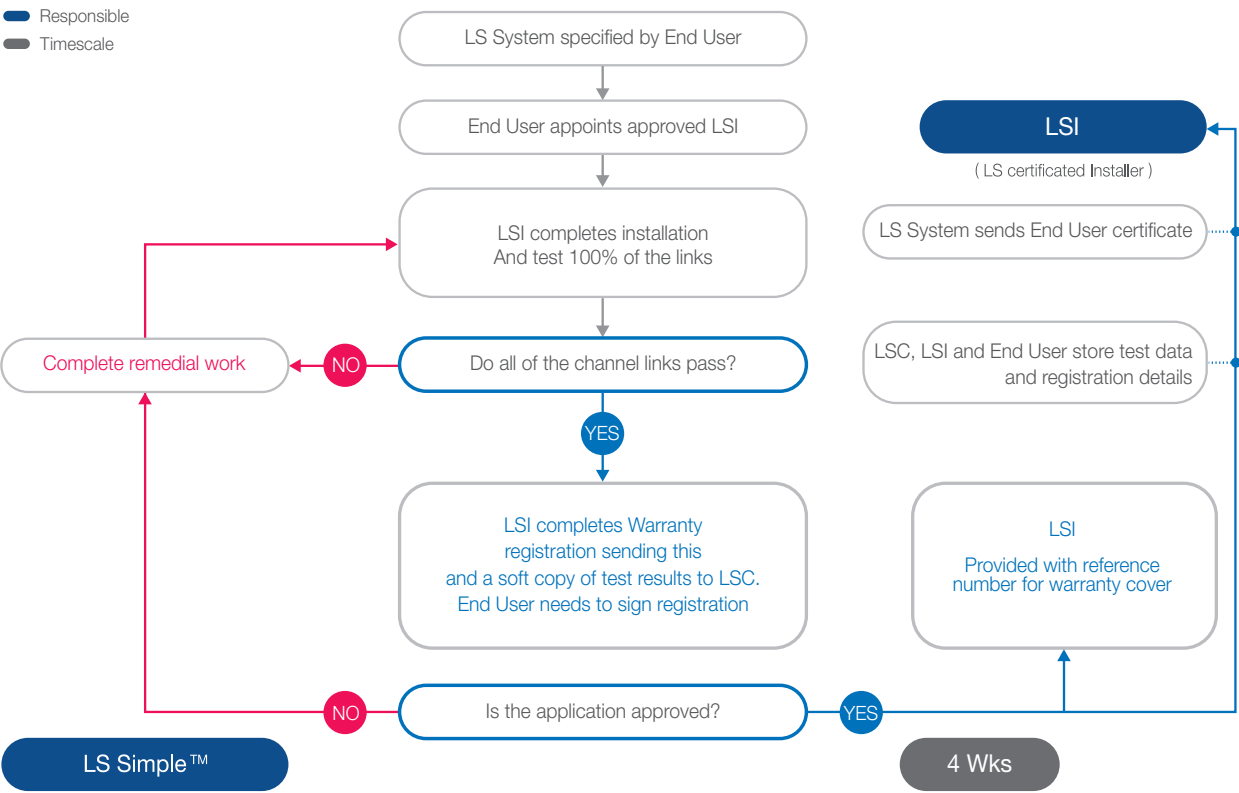
Structured Cabling System

Program Overview

LS Cable & System has a maximum 25 year warranty program to meet the customer's reliability for high quality telecommunication system of enterprise buildings.

The Simple™ range of solution is supported by a Simple™ comprehensive warranty
• Unique 25 year application and product warranty.
• The warranty applied to the network and can be sold as an asset.
• The warranty is only offered by fully trained LS Integrators.
• The system is independently inspected by a third party.

Warranty Process

- Responsible
- Timescale

LS System specified by End User

End User appoints approved LSI

LSI
(LS certificated Installer)

LSI completes installation
And test 100% of the links

LS System sends End User certificate

Complete remedial work ← NO — Do all of the channel links pass?

LSC, LSI and End User store test data
and registration details

YES

LSI completes Warranty
registration sending this
and a soft copy of test results to LSC.
End User needs to sign registration

LSI
Provided with reference
number for warranty cover

NO — Is the application approved? — YES

LS Simple™

4 Wks

SimpleWin™ Warranty Program

Intelligent Cabling System

Overview

SimpleWin™ warranty program is extended program of Simple™ warranty that considered active device's quality assurance period and settle down stable management of intelligent system.

The SimpleWinTM warranty details are
• SI company should authorized by LS Cable & System.
• The warranty is only offered by fully trained integrator.
• Standard based design should be applied.
• The warranty will be offered after checking design & installation performance result by LS Cable & System.
• Base on warranty LS Cable & System support settle down stable management for 1 year.
• Warranty program is not guarantee for natural disasters and inadequate uses.

Simple™ 25 Year Warranty

SimpleWin

SimpleWin™ Device 1 Year Warranty

Software training & 1year stabilization support

Global Network

LSCU(London, UK)

LSCT(Tianjin,China)

LSHQ(Yichang, China)

China R&D Center Yichang, China

LSCW(Guangzhou, China)

LSCJ(Tokyo, Japan)

LSC&S HQ, Korea

Donghae Plant

Headquarters

R&D Center

Gumi Plant
Indong Plant

LSCA (NewJersey, USA)

LSCW (Wuxi, China)

Daka, Bangladesh

Dubai, UAE

Abu Dhabi, UAE

LSCI(Bawal, India)

LSCI(Gurgaon, India)

LSCD (New Delhi, India)

Manila, Philippines

LS-VINA (Haiphong, Vietnam)

LSCV (Hochiminh, Vietnam)

Jakarta, Indonesia

LSCM(Penang, Malaysia)

Singapore

LSCAU (Sydney, Australia)

Lima, Peru

- LS Cable & System Branches
- LS Cable & System Subsidiaries
- R&D Center

Branches

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Lima Office(Peru)
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Jakarta Office(Indonesia)
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Subsidiaries

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LSCAU(Australia) : Marketing and Sales
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LSCU(U.K.) : Marketing and Sales
Tel. +44-20-8545-2640   Fax. +44-20-8545-2643

LSCJ(Japan) : Marketing and Sales
Tel. +81-3-6205-7188   Fax. +81-3-6205-7187

LSCD(India) : Marketing and Sales
Tel. +91-11-4106-4242

LSHQ(China)
Tel. +86-717-667-7777
Production : EHV, LV/MV, Overhead Transmission Line,
Industrial Specialty Cable & System

LSCT(China)
Tel. +86-22-2699-7618   Fax. +86-22-2695-7617
Production : Magnet Wire

LSCW(China)
Tel. +86-510-8811-9000   Fax. +86-510-8534-5341
Production : Automotive Wire & Cable, Bus Duct, Electroncic Wire & Cable, Tube, ACF,
Accessories for EHV Cable System

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LSCV(Vietnam)
Tel. +84-61-356-9140   Fax. +84-61-356-9148
Production : Low Voltage Cable, UTP

LSCM(Malaysia)
Tel. +60-4-588-9609   Fax. +60-4-588-9607
Production : Magnet Wire

LSCI(India)

Gurgaon: Marketing & Sales
Tel. +91-124-428-5800~4   Fax. +91-124-428-5805

Bawal
Tel. +91-128-426-4267   Fax. +91-128-426-4364
Production : RF Feeder Cable, Network Solution, EHV, LV/MV, OPGW

China R&D Center
Tel. +86-717-667-7777

Korea Operations

Headquarter
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Gumi Plant
Tel. +82-54-469-7114
Production : Power Cable up to 500kV, OHTL, OPGW, Data Cable,
RF Feeder System, Copper Rod, Magnet Wire

Indong Plant
Tel. +82-54-469-1053
Production : Industrial Cable & Module, Optical Cable, Aluminum Materials

Donghae Plant
Tel. +82-33-820-3114
Production : Submarine Cable, Industrial Specialty Cable

R&D Center
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