

Simple[™]
Structured Cabling System



About LS Cable & System

LS spun off from LG in 2003 as a group specializing in the Electrics, Electronics, Energy, and Material. LS consists of about 40 affiliates including LS Cable & System, LSIS, LS-Nikko Copper, LS Mtron, Gaon Cable, E1 and Yesco. A leading player in the global cable industry, with over half a century of experience as a manufacturer, providing consolidated expertise in the design and production of premium quality cabling technologies.



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Cables

Category 6A Cable 4 Pair

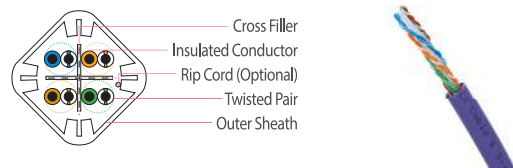
Description

- Capable of handling full broadband and baseband
- High flame retardant grade to minimize the risk of fire propagation
- Comply with ANSI/TIA - 568 - C.2 standard
- Horizontal Distribution & Backbone Cabling
- 10/100/1000/10G BASE-T (IEEE 802.3)
- POE ++ (IEEE 802.3 bt draft. Type 3(60W) or Type 4(100W))

Features

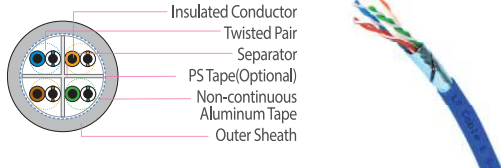
Category 6A U/UTP Cable 4Pair Inner Jacket Spacer

- Inner Jacket Spacer Sheath
- Cable Out Diameter : 8.4mm
- UL Listed & ETL Verified
- 23AWG Solid Copper



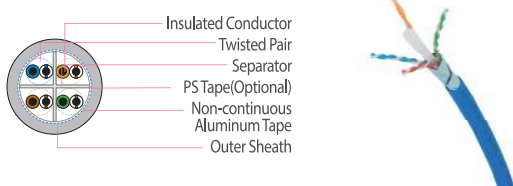
Category 6A U/UTP Cable 4Pair Segmented Tape Type

- LS Unique Segmented Tape Type
- Cable Out Diameter : 6.8mm
- UL Listed & ETL Verified
- 23AWG Solid Copper



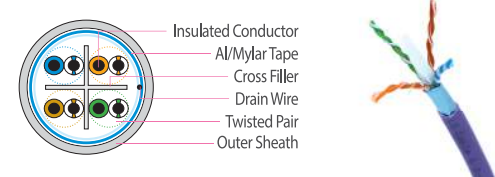
Category 6A U/UTP Slim Cable 4Pair Segmented Tape Type

- LS Unique Segmented Tape Type
- Cable Out Diameter : 5.8mm
- 70m Category 6A Channel Support
- 26AWG Solid Copper



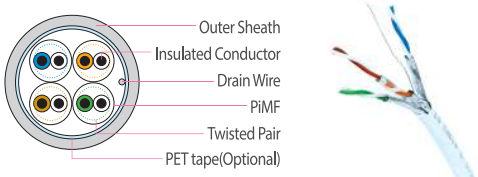
Category 6A F/UTP Cable 4Pair Shielded

- Aluminum Foiled Shield
- Cable Out Diameter : 7.2mm
- UL Listed
- 23AWG Solid Copper



Category 6A U/FTP Cable 4Pair PiMF Shielded

- PiMF (pair in metal foil)
- Cable Out Diameter : 7.2mm
- Electrical Performance IEC 61156-5
- 23AWG Solid Copper



*PiMF : Pair In Metal Foil

Part Numbers

Description	Flame Retardant Grade					
	CMX	CM	CMR	CMP	LSZH	
Category 6A U/UTP Cable 4 Pair	Original : 8.4mm	UTP-A-C6G-E1VI-X 0.5X004P/xx	UTP-A-C6G-E1VI-M 0.5X004P/xx	UTP-A-C6G-E1VI-R 0.5X004P/xx	UTP-A-C6G-E1VI-P 0.5X004P/xx	UTP-A-C6G-E1ZI-X 0.5X004P/xx
	Next G : 6.8mm	UTP-A-C6G-E1VF-X 0.5X004P/xx	UTP-A-C6G-E1VF-M 0.5X004P/xx	UTP-A-C6G-E1VF-R 0.5X004P/xx	-	UTP-A-C6G-E1ZF-X 0.5X004P/xx
	USS: 5.8mm	UTP-A-C6G-E1VL-X 26AWGx004P/xx	UTP-A-C6G-E1VL-M 26AWGx004P/xx	UTP-A-C6G-E1VL-R 26AWGx004P/xx	-	UTP-A-C6G-E1ZL-X 26AWGx004P/xx
Category 6A U/FTP Cable 4 Pair	USP-A-C6G-E1VN-X 0.5X004P/xx	USP-A-C6G-E1VN-M 0.5X004P/xx	USP-A-C6G-E1VN-R 0.5X004P/xx	-	-	USP-A-C6G-E1ZN-X 0.5X004P/xx
Category 6A F/UTP Cable 4 Pair	FTP-A-C6G-E1VN-X 0.5X004P/xx	FTP-A-C6G-E1VN-M 0.5X004P/xx	FTP-A-C6G-E1VN-R 0.5X004P/xx	-	-	FTP-A-C6G-E1ZN-X 0.5X004P/xx

xx denotes color: WH=White, BL=Blue, GY=Gray, VI=Violet, OR=Orange, RD=Red, GN=Green, YL=Yellow, BK=Black

Category 6+ Cable 4 Pair

Additional +3dB margin of NEXT, ELFEXT in channel performance (compared to standard Cat6 level) is guaranteed by the enhancement of cable and jack even using standard Cat6 patch cord application. Supporting stabilization of communication environment, this solution is suited to high profile application for data center and bank.

Description

- Capable of handling full broadband and baseband
- High flame retardant grade to minimize the risk of fire propagation
- Comply with ANSI/TIA - 568 - C.2 standard
- LS Reel-In-a-Box packaging, enables easy wire pulling through box opening
- The Crosstalk performance is specified 3dB higher than standard Category 6
- RoHS Compliant
- Horizontal Distribution & Backbone Cabling
- 10/100/1000/10G BASE-T (IEE 802.3)
- POE+ (IEEE 802.3 at Type 2 (34.2W))

Part Numbers

Description	Flame Retardant Grade				
	CMX	CM	CMR	CMP	LSZH
Category 6+ U/UTP Cable 4Pair	UTP-E-C6G-E1VN-X 0.5X004P/xx	UTP-E-C6G-E1VN-M 0.5X004P/xx	UTP-E-C6G-E1VN-R 0.5X004P/xx	UTP-E-C6G-F1VN-P 0.5X004P/xx	UTP-E-C6G-E1ZN-X 0.5X004P/xx

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Structure

Category 6+ U/UTP Cable 4 Pair (3rd party approval : UL, ETL)

Outer Sheath
Insulated Conductor
Rip Cord (Optional)
Twisted Pair
Cross Filler

• Improve +3 db Electrical Margin
• Up to 250Mhz Bandwidth Available
• UL Listed & ETL Verified
• 23AWG Solid Copper

Category 6 Cable 4 Pair

Description

- Capable of handling full broadband and baseband
- High flame retardant grade to minimize the risk of fire propagation
- Every Master reel is tested for electrical performance compliance
- Comply with ANSI/TIA - 568 - C.2 standard
- Reellex & Reel in a box is standard and it makes easy wire pulling from box
- RoHS Compliant
- Horizontal Distribution & Backbone Cabling
- 10/100/1000/10G BASE-T (IEE 802.3)
- POE+ (IEEE 802.3 at Type 2 (34.2W))

Structure

Category 6 U/UTP Cable 4Pair

Outer Sheath
Insulated Conductor
Rip Cord (Optional)
Twisted Pair
Cross Filler

[Filler Type]
Conduct Size : 24AWG
O.D : 6.0mm
UL Listed & Verified
CMP-LP(0.5A)(90C)
CPR Verified

Outer Sheath
Insulated Conductor
Rip Cord (Optional)
Twisted Pair

[Non-Filler Type]
Conduct Size : 23AWG
O.D : 5.4mm
UL Listed & Verified
CPR Verified

• UL Listed & Verified
• Cable Out Diameter : 7.2mm

Category 6 SF/UTP Cable 4Pair Double Shielded

- Block Electrical Interference
 - 23 & 24AWG Solid Copper
- Strengthen Physical Tension
 - Cable Out Diameter : 7.6mm

Insulated Conductor
Polyester Tape (Optional)
Al/Mylar Tape
Cross Filler
Twisted Pair
Tinned Copper Braid
Outer Sheath

• UL Listed & Verified
• Cable Out Diameter : 7.2mm

Category 6 F/UTP Cable 4Pair Shielded

- Block Electrical Interference
 - 24AWG Solid Copper
- UL Listed & Verified
• Cable Out Diameter : 7.2mm

Insulated Conductor
Al/Mylar Tape
Cross Filler
Drain Wire
Twisted Pair
Outer Sheath

• UL Listed & Verified
• Cable Out Diameter : 7.2mm

Part Numbers

Description		Flame Retardant Grade				
		CMX	CM	CMR	CMP	LSZH
Category 6 U/UTP Cable 4Pair	Cross Filler	UTP-G-C6G-E1VN-X 0.5X004P/xx	UTP-G-C6G-E1VN-M 0.5X004P/xx	UTP-G-C6G-E1VN-R 0.5X004P/xx	UTP-G-C6G-F1VN-P 0.5X004P/xx	UTP-G-C6G-E1ZN-X 0.5X004P/xx
	Non Filler	UTP-G-C6G-E1VX-X 0.5X004P/xx	UTP-G-C6G-E1VX-M 0.5X004P/xx	UTP-G-C6G-E1VX-R 0.5X004P/xx	UTP-G-C6G-F1VX-P 0.5X004P/xx	UTP-G-C6G-E1ZX-X 0.5X004P/xx
Category 6 SF/UTP Cable 4Pair		SFP-G-C6G-E1VN-X 0.5X004P/xx	SFP-G-C6G-E1VN-M 0.5X004P/xx	SFP-G-C6G-E1VN-R 0.5X004P/xx	-	SFP-G-C6G-E1ZN-X 0.5X004P/xx
Category 6 F/UTP Cable 4Pair		FTP-G-C6G-E1VN-X 0.5X004P/xx	FTP-G-C6G-E1VN-M 0.5X004P/xx	FTP-G-C6G-E1VN-R 0.5X004P/xx	-	FTP-G-C6G-E1ZN-X 0.5X004P/xx

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Category 5e Cable 4 Pair

Description

- All accepted design for global commercial network installation
- Simplified structured cabling solution preserving long-term network investment
- Comply with ANSI/TIA - 568 - C.2 standard
- RoHS Compliant
- Horizontal Distribution & Backbone Cabling
- 10/100/1000 BASE-T (IEEE 802.3)
- POE (IEEE 802.3af Type 1 (15.4W))

Category 5E SF/UTP Cable 4Pair Screened Foiled Shielded

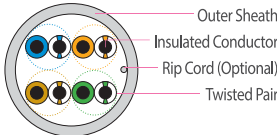
- Block Electrical Interference
 - 24AWG Solid Copper
- Strengthen Physical Tension
 - Cable Out Diameter : 6.5mm



Structure

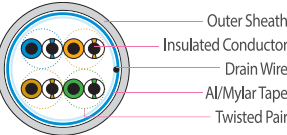
Category 5E U/UTP Cable 4Pair

- 24AWG Solid Copper
 - UL Listed & Verified
- Cable Out Diameter : 4.9mm
 - CPR Verified



Category 5E U/UTP Cable 4Pair

- Block Electrical Interference
 - 24AWG Solid Copper
- Cable Out Diameter : 5.9mm
 - UL Listed & Verified



Part Numbers

Description	Flame Retardant Grade				
	CMX	CM	CMR	CMP	LSZH
Category 5e U/UTP Cable 4 Pair	UTP-E-C5G-E1VN-X 0.5X004P/xx	UTP-E-C5G-E1VN-M 0.5X004P/xx	UTP-E-C5G-E1VN-R 0.5X004P/xx	UTP-E-C5G-F1VN-P 0.5X004P/xx	UTP-E-C5G-E1ZN-X 0.5X004P/xx
Category 5e SF/UTP Cable 4 Pair	SFP-E-C5G-E1VN-X 0.5X004P/xx	SFP-E-C5G-E1VN-M 0.5X004P/xx	SFP-E-C5G-E1VN-R 0.5X004P/xx	-	SFP-E-C5G-E1ZN-X 0.5X004P/xx
Category 5e F/UTP Cable 4 Pair	FTP-E-C5G-E1VN-X 0.5X004P/xx	FTP-E-C5G-E1VN-M 0.5X004P/xx	FTP-E-C5G-E1VN-R 0.5X004P/xx	-	FTP-E-C5G-E1ZN-X 0.5X004P/xx

xx denotes color: WH=White, BL=Blue, GY=Gray, VI=Violet, OR=Orange, RD=Red, GN=Green, YL=Yellow, BK=Black

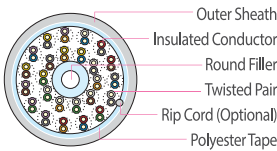
Multi-Pair Cables

Description

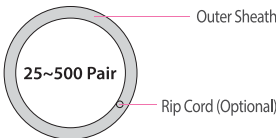
- All accepted design for global commercial network installation
- Simplified structured cabling solution preserving long-term network investment
- Comply with ANSI/TIA - 568 - C.2
- RoHS Compliant

Structure

Category 5e U/UTP Cable 25 Pair



Category 3 U/UTP Cable 25~500 Pair



Part Numbers

Description	Flame Retardant Grade			
	CMX	CM	CMR	LSZH
Category 5e U/UTP Cable 25Pair	UTP-E-C5G-E1VN-X 0.5X025P/xx	UTP-E-C5G-E1VN-M 0.5X025P/xx	UTP-E-C5G-E1VN-R 0.5X025P/xx	UTP-E-C5G-E1ZN-X 0.5X025P/xx
Category 3 U/UTP Cable 25~500Pair	UTP-G-C3G-S1VN-X 0.5XyyyP/xx	UTP-G-C3G-S1VN-M 0.5XyyyP/xx	UTP-G-C3G-S1VN-R 0.5XyyyP/xx	UTP-G-C3G-S1ZN-X 0.5XyyyP/xx

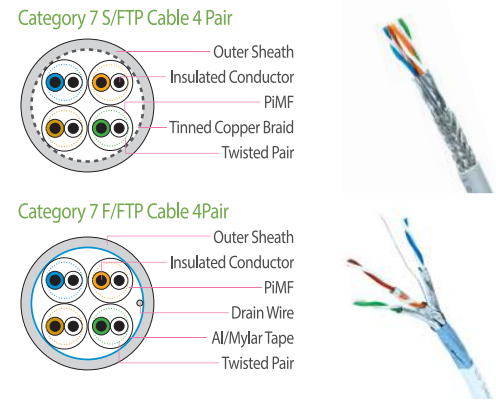
xx denotes color: WH=White, BL=Blue, GY=Gray, VI=Violet, OR=Orange, RD=Red, GN=Green, YL=Yellow, BK=Black
yyy denotes the number of pairs : 025 ~ 500

Category 7 Cable 4 Pair

Description

- Capable of handling full broadband and baseband
- Low smoke zero halogen and high flame retardant grade of the cable
- Electrical performances comply with IEC 61156-5
- RoHS compliant
- High Performance Electric Noise Shielding
- High Performance Physical Specification
- 10/100/1000/10G BASE-T (IEE 802.3)
- POE++(IEEE 802.3 bt draft.type 3(60W) or Type 4(100W))

Structure

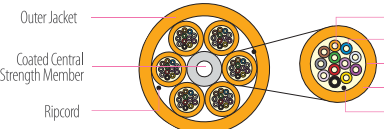
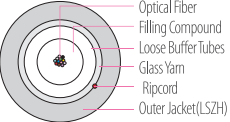
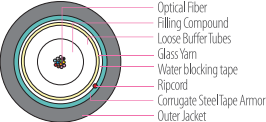
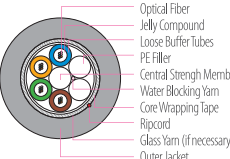
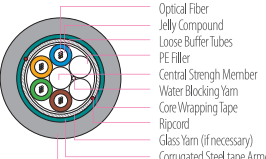
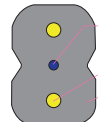
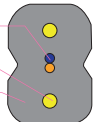


Part Numbers

Description	Flame Retardant Grade		
	CMX	CM	LSZH
Category 7 S/FTP Cable 4Pair	SSP-G-C7G-E1VN-X 0.5X004P/xx	SSP-G-C7G-E1VN-M 0.5X004P/xx	SSP-G-C7G-E1ZN-X 0.5X004P/xx
Category 7 F/FTP Cable 4Pair	FSP-G-C7G-E1VN-X 0.5X004P/xx	FSP-G-C7G-E1VN-M 0.5X004P/xx	FSP-G-C7G-E1ZN-X 0.5X004P/xx

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Fiber Optic Cable

Structure		Type	Part Numbers									
	- Outer Jacket - Coated Central Strength Member - Ripcord - Optical Fiber 0.9mm Buffered Fiber - Aramid Yarn - Sub-unit Jacket - Ripcord	Distribution Cable	LSSS-OC0072	DT-NVTKVXX/ARR <table border="1"><tr><td>□</td><td>□</td><td>□</td><td>□</td></tr><tr><td>①</td><td></td><td>②</td><td></td></tr></table>	□	□	□	□	①		②	
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①		②										
		Central Tube Cable	LSSS-OC0119 (Non-Armor)	CT-NJBGZX/BRX <table border="1"><tr><td>□</td><td>□</td><td>□</td><td>□</td></tr><tr><td>①</td><td></td><td>②</td><td></td></tr></table>	□	□	□	□	①		②	
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			LSSS-OC0198 (Armor)	CT-NJBGSEX/BRN <table border="1"><tr><td>□</td><td>□</td><td>□</td><td>□</td></tr><tr><td>①</td><td></td><td>②</td><td></td></tr></table>	□	□	□	□	①		②	
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		Loose Tube Cable	LSSS-OC0056 (Non-Armor)	LT-DJBGEXX/BRN <table border="1"><tr><td>□</td><td>□</td><td>□</td><td>□</td></tr><tr><td>①</td><td></td><td>②</td><td></td></tr></table>	□	□	□	□	①		②	
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			LSSS-OC0055 (Armor)	LT-DJBGSEX/BRN <table border="1"><tr><td>□</td><td>□</td><td>□</td><td>□</td></tr><tr><td>①</td><td></td><td>②</td><td></td></tr></table>	□	□	□	□	①		②	
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①		②										
		Drop Cable	LSSS-OC0097	DP-DXXZXX/AFX <table border="1"><tr><td>□</td><td>□</td><td>□</td><td>□</td></tr><tr><td>①</td><td></td><td>②</td><td></td></tr></table>	□	□	□	□	①		②	
□	□	□	□									
①		②										

- ① Fiber Type

 - MG : 50/125μm Multi Mode 1Gbe
 - MX : 50/125μm Multi Mode 10Gbe
- SE : 9/125μm Single Mode Fiber Enhanced

- B(A1) : G657(A1) LWPE EZ-Bend

- Etc.
- ② Number of Fiber

 - 2XX or 2XXX : 2 Core
 - 24X or 24XX : 24 Core
- 144X : 144 Core

- Etc.



Modular Jack

Products	Category	Description	Part Numbers	Compatible items
	Cat.5e Cat.6 Cat.6A	Unshielded Modular Jack, Slim Enhanced Rear IDC type	LS-MJ-UCox-yy-ERI (Non-Door) LS-MJ-UCox-yy-ERD (Door)	Panel : LS-PP-24P(48P) Series, LS-APP-24P(48P)-E Series, LS-PPP(APP)- UC Series, LS-PP-24P-LWM, LS-PP-MD-24P-E Outlet : LS-FP-SA(SF)(SU)(US)(AUS) Series Tool : LS-EZT-TOOL-ER
	Cat.6A	Shielded Modular Jack, Slim Enhanced Rear IDC type	LS-MJ-SC6A-ERI	Panel : LS-PP-24P(48P) Series, LS-APP-24P(48P)-E Series, LS-PPP(APP)- SC series, LS-PP-24P-LWM Outlet : LS-FP-SA(SF)(SU)(US)(AUS) Series Tool : LS-EZT-TOOL-ER
	Cat.5e Cat.6	Shielded Modular Jack, Rear IDC type	LS-MJ-SCox-yy-RIDC	Panel : LS-PP-24P(48P)-E series Outlet : LS-FP-SA(SF)(SU)(US)(AUS) series Tool : LS-EZT-TOOL-FR
	Cat.6 Cat.6A	LED Modular Jack Rear IDC type	LS-MJ-UCox-yy-LRI	Panel : LS-PP-24P(48P) Series, LS-APP-24P(48P)-E Series, LS-PPP(APP)-UC Series, LS-PP-24P-LWM, LS-PP-MD-24P-E Outlet : LS-FP-SA(SF)(SU)(US)(AUS) Series Tool : LS-EZT-TOOL-ER

xx denotes category : 5E(Cat.5e), 6(Cat.6), 6A(Cat.6A) / yy denotes color : WH=White, BL=Blue, RD=Red, BK=Black / 3rd party approval : UL

110 Patching Blocks

Products	Category	Description	Part Numbers	Compatible items
	Cat.6	Unshielded 110 GXC™ Block with leg (40,80P available)	LS-110WB-UC6-yyP-W	In the SoHo box or consolidation box
	Cat.6	Unshielded 110 GXC™ Block without leg (20,40,80P available)	LS-110WB-UC6-yyP-W/0	19inch Rack bracket : LS-110BRACKET-xU series Mini Rack : LS-HWMR-xx series
	Cat.5e	Unshielded 110 Wiring Block with leg (50,100P available)	LS-110WB-UC5E-yyP-W	In the SoHo box or consolidation box
	Cat.5e	Unshielded 110 Wiring Block without leg (25,50,100P available)	LS-110WB-UC5E-yyP-W/0	19inch Rack bracket : LS-110BRACKET-xU series Mini Rack : LS-HWMR-xx series
	Cat.6	Unshielded GXC™ 240Port Wall Mount rack	LS-HWMR-PR12-8726-WC6240-WM	Wall mount rack 12U, W8.7 X D 4.0 Inch Other size is available
	Cat.5e	Unshielded GXC™ 300Port Wall Mount rack	LS-HWMR-PR12-8726-WC5E300-WM	Wall mount rack 12U, W8.7 X D 4.0 Inch Other size is available

xx denotes rack units(1U,2U,4U) yy denotes the number of pairs : 20(20 pair), 25(25 pair), 40(40 pair), 50(50 pair), 80(80 pair), 100 (100 pair)) 3rd party approval: UL(Cat.5e without leg and Cat.6 80Pair)

Patch Panel

Products	Category	Description	Part Numbers
	Cat.6A	24-Ports Unshielded, Jack type Panel with Enhanced Rear IDC Jack & Wire Management	LS-PPP-UC-24P-E4-WM-C+ LS-MJ-UC6A-WH-ERI
	Cat.6A	24-Ports Shielded, Jack type Panel with Enhanced Rear IDC Jack & Wire Management	LS-PPP-SC-24P-E4-WM-C + LS-MJ-SC6A-ERI
	Cat.6	24-Ports Unshielded Module IDC type Panel With Wire Management	LS-PP-UC6-24P-WM
	Cat.6	24-Ports Shielded Module IDC type Panel	LS-PP-SC6-24P
	Cat.5e	24-Ports Unshielded Module IDC type Panel	LS-PP-UC5E-24P
	Cat.5e	24-Ports Shielded Module IDC type Panel	LS-PP-SC5E-24P
	All	24-Ports 1U Empty Panel, Jack type, 19" std. with hinged management	LS-PP-24P-E-LWM
	All	48-Ports 2U Empty Panel, Jack type, 19" std. with management	LS-PP-48P-E-WM
	All	24-Ports Hinged Angled Empty Panel, Jack type for Unshielded 19" std.	LS-APP-24P-E(-WM)
	All	48-Ports Hinged Angled Empty Panel, Jack type for Unshielded 19" std.	LS-APP-48P-E(-WM)
	All	24-Ports Angled Empty Panel, Removable Module type for Shielded or Unshielded, 19" std. with Wire management	LS-APP-UC(SC)-24P-E4-WM-C
	All	24-Ports Empty Panel, Removable Module type for Shielded or Unshielded, 19" std. with Wire management	LS-PPP-UC(SC)-24P-E4-WM-C
	All	HD 48-Ports Angled Empty Panel, Removable Module type for Shielded or Unshielded, 19" std. with Wire management	LS-APP-48P-E-WM-1U
	All	HD 48-Ports Empty Panel, Removable Module type for Shielded or Unshielded, 19" std. with Wire management	LS-PP-48P-E-WM-1U

* 3rd party approval : UL

Patch Cord

Products	Category	Type	Part Numbers	Description
	Cat.6, Cat.6A	PVC, LSZH	LS-MTPC-UCxx-yy-zzz	Unshielded Super Slim Patch Cord 32AWG Stranded Copper Turn Boot Type Max. 5m Distance
	Cat.5E, Cat.6, Cat.6A	PVC, LSZH	LS-PC-UCxx(L)-yy-zzz	Unshielded Patch Cord 24AWG Stranded Copper Molting Boot Type, UL Listed Max. 20m Distance
	Cat.5E, Cat.6, Cat.6A	PVC, LSZH	LS-PC-SCxx(L)-yy-zzz	Shielded Patch Cord 26AWG Shielded Stranded Copper Molting Boot Type, UL Listed Max. 20m Distance
	Cat.6, Cat.6A	PVC	LS-PC-UCxx-yy-K-zzz	Unshielded Slim Patch Cord 26AWG Solid Copper Cable Strong Plastic Boot Type Max. 60m Distance

xx denotes category : 5E(Cat.5e), 6(Cat.6), 6A(Cat.6A)
yy denotes color : WH=White, BL=Blue, YL=Yellow, RD=Red, GN=Green, GY=Gray

zzz denotes length : 005(0.5m), 010(1m), 050(5m) etc
3rd party approval : UL(PVC type)

※ T568A is available

Fiber Connectivity

Products	Type	Component	Description	Part Numbers
	Assembled	-	Assembled FDF, Inner Type	LS-FDF-a-b-(c)-(d)-e-f-i
	Assembled	-	Assembled FDF, Outer type	LS-FDF-a-b-(c)-(d)-e-f
	Module	Empty Closure	Empty closure outer type	LS-FDF-xU-EP-0
		Front Panel	Front panel 4 module	LS-FDF-BK-4M
		Module (FDM or MCF)	FDM(Fiber Distribution adaptor Module) MCF(Multi-connection fiber Frame)	LS-FDM-a-b-c-d LS-MCF-a-b-c-d

※Part Number for assembled FDF
a denotes Adaptor : LC, SC, ST
b denotes Fiber type : SM(Single-Mode), MM(Multi-Mode)
c denotes Sleeve type : C(Ceramic) (If necessary)
d denotes Unit : 1U, 2U (If necessary)
e denotes Cores No : 004(4C) ~ 096(96C)
f denotes Transmission Mode : SP(Simplex), DP(Duplex)

※Part Number for Empty closure, FDM, MCF
x denotes Rack unit : 1U, 2U, 3U, 4U
a denotes Adapter : LC, SC
b denotes Transmission mode : SP(Simplex), DP(Duplex), 4M(Quad)
c denotes Cores No : 06, 12, 18, 24, 36 core
d denotes Fiber type : SM(Single-mode), MM(Multi mode), M3(OM3), M4(OM4)

Products	Description	Part Numbers
	Fiber Optic Jumper Cord	LS-JC-AB/AB-C-DEF-G
	One Side Connector	LS-PIG-AB-C-DEF-G

A denotes Connector type SC = SC Connector ST = ST Connector LC = LC Connector FC = FC Connector	B denotes Polishing Blank = PC AC = APC	C denotes Fiber type SM = Single mode (SM) M1 = Multi mode (OM1) M2 = Multi mode (OM2) M3 = Multi mode (OM3) M4 = Multi mode (OM4)	D denotes Diameter 09 = Ø0.9 20 = Ø2.0 24 = Ø2.4 30 = Ø3.0	E denotes Cable type SP = Simplex Cord DP = Duplex Cord	F denotes Cable Jacket V = PVC Z = LSZH	G denotes Length (M) 005=0.5m 010=1m 050=5m 100=10m Etc...
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Products	Description	Part Numbers	Compatible items
	Fiber Optic Adaptor	LS-FA-a-b-c-d-e-f	LS-FDF series LS-FDM series LS-MCF series
	Fiber Optic Connector	LS-FC-a/b-c-d-e	
	Field Installable fiber optic connector	LS-FC-a/PC-b-c-fl-d	

※Part Number for Adaptor
a denotes Type : LC, SC, ST
b denotes Fiber type : SM, MM
c denotes Sleeve type : C (Ceramic)
d denotes Core : 1 (Simplex), 2 (Duplex)
e denotes Color : BL(Blue, SM/PC), BG(Beige, MM), GN(Green, SM/APC)
f denotes Flange : W(With Flange), WO(Without Flange)

※Part Number for Connector
a denotes Type : LC, SC, ST
b denotes Polishing : PC (PC type), AC (APC type)
c denotes Fiber type : SM, MM
d denotes Core : 1 (Simplex), 2 (Duplex)
e denotes Color : BL(Blue, SM/PC), BG(Beige, MM), GN(Green, SM/APC)

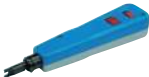
※Part Number for FI Connector
a denotes Type : LC, SC, ST
b denotes Fiber type : SM, M1, M2, M3, M4
c denotes Color : BL(Blue, SM), BG(Beige, OM1/2), AQ(Aqua, OM3/4)
d denotes cable diameter : 09(900um), 20(2mm), 30(3mm)

Outlet

Products	Description	Part Numbers	Compatible items
	Square Faceplate with Angled (1/2-Port) and Flat (1/2/4-Port) Shutter	LS-FP-SA-x LS-FP-SF-x	Back Box : LS-BB-8686-37, LS-BB-8686-47
	Single Gang British Faceplate with Shutter (1/2-Port)	LS-FP-SU-x	Back Box : LS-BB-8686-37, LS-BB-8686-47
	Euro Type Single/Double Gang Back Box (D27/37mm)	LS-BB-8686-x LS-BB-86147-x	Faceplate : LS-FP-6C-BF-2, LS-FP-EU-BF-2 Faceplate : LS-FP-6C-BF-4, LS-FP-EU-BF-4
	1/2/4/6/9/12-Port US type Single/Double Gang Faceplate	LS-FP-US-xPORT (1~6Port) LS-FP-US-xPORT-D (9~12Port)	Modular Jack : R IDC, ERI type Back Box : LS-BB-11572-38
	1/2/3-Port Australian Faceplate with Shutter & Icon	LS-FP-AUS-H-x	Back Box : LS-BB-11572-38
	Australian Blank Bezel	LS-FP-AUS-BB	Modular Jack : R IDC, ERI type
	US type Single Gang Back Box	LS-BB-11572-38	Face plates : LS-FP-US-xPort series
	Blank Adaptor Insert	LS-AI-US-BI-1	Patch Panel : LS-PP-XXP Faceplate : LS-FP-US series
	Surface Mount Box	LS-SMB-xPORT	Modular Jack : ERI type

3rd party approval: UL(faceplates)

Tools

Products	Description	Part Numbers	Compatible items
	Easy Termination Tool for Modular Jack	LS-EZT-TOOL-FR	Modular Jack : R IDC type
		LS-EZT-TOOL-ER	Modular Jack : ERI type
	Punching Down Tool (Modular Jack)	LS-TOOL-MJ	Punching down tool for 1Pin IDC connection
	Cable Stripper Tool LS-STOOL	LS-STOOL	Cable Stripper with cutter
	Crimping Tool for Cat.5e or Cat. 6 Modular Plug	LS-CT-C5E-SH1	Modular Plug : LS-MP-4JC5E-RJ45
		LS-CT-C6-SH1	Modular Plug : LS-MP-4JC6-RJ45

Simple Fast-Net™

Copper

Products	Category	Description	Part Numbers	Compatible items
	Cat.6 Cat.6A	Empty patch panel (4 Module)	LS-PPP-UC-24P-EP4-WM-C LS-PPP-SC-24P-EP4-WM-C LS-APP-UC-24P-EP4-WM-C LS-APP-SC-24P-EP4-WM-C	Pre-term Module : LS-PC6 series
		Pre-term Module (6 Bundle)	Unshielded module LS-PC6-a-wxx-b-yyy-zzz-ERI Shielded module LS-PC6-SC6-wxx-b-zzz-RIDC LS-PC6-SC6A-wxx-b-zzz-ERI	Modular Jack : LS-MJ-UC6(6A)-xx-ERI LS-MJ-SC6-RIDC LS-MJ-SC6A-ERI Empty panel : LS-PPP series LS-APP series

a denotes cable : UC6(UTP category 6), UC6A(UTP category 6A), USC6A(UTP category 6A with USS cable)
w denotes cable flame retardant : M(CM), L(LSZH)
xx denotes cable color : BL(Blue), GY(Gray) etc.
b denotes connection type : JJ(Jack to Jack), JP(Jack to Plug)
yy denotes jack color : BL(Blue), GY(Gray), WH(White) etc.
zzz denotes cord length : 005(0.5m), 010(1m), 050(5m) etc.
* Please contact your LS representative for the available type & length

Fiber (MPO / MTP Solution)

Products	Description	Part Numbers	Compatible items
	MPO/MTP Empty Modular panel	LS-FDF-MC1U-EP4M-O LS-FDF-MC1U-EP4M-D LS-FDF-MC2U-EP8M-O LS-FDF-MC3U-EP12M-O LS-FDF-MC4U-EP16M-O	LS-MCM series
	MPO/MTP Pre-term Cassettes	LS-MCM-SC-DP-12-xx LS-MCM-LC-DP-12-xx LS-MCM-LC-4M-24-xx LS-MCM-LC-4M-36-xx	LS-MTC series LS-MFC series
	MPO/MTP Trunk cable	LS-MTC-MF-xx-12Z(24Z)-yyy (Male to Female) LS-MTC-FF-xx-12Z(24Z)-yyy (Female to Female)	-
	MPO/MTP Fan-out cord with SC connector	LS-MTC-FF-xx-12Z(24Z)-yyy (Female to Female)	-
		LS-MFC-MS-xx-12Z(24Z)-yyy (Male to SC connector)	
	MPO/MTP Fan-out cord with LC connector	LS-MFC-FLC-xx-08Z(12Z)(24Z)-yyy (Female to LC connector)	-
		LS-MFC-MLC-xx-08Z(12Z)(24Z)-yyy (Male to LC connector)	

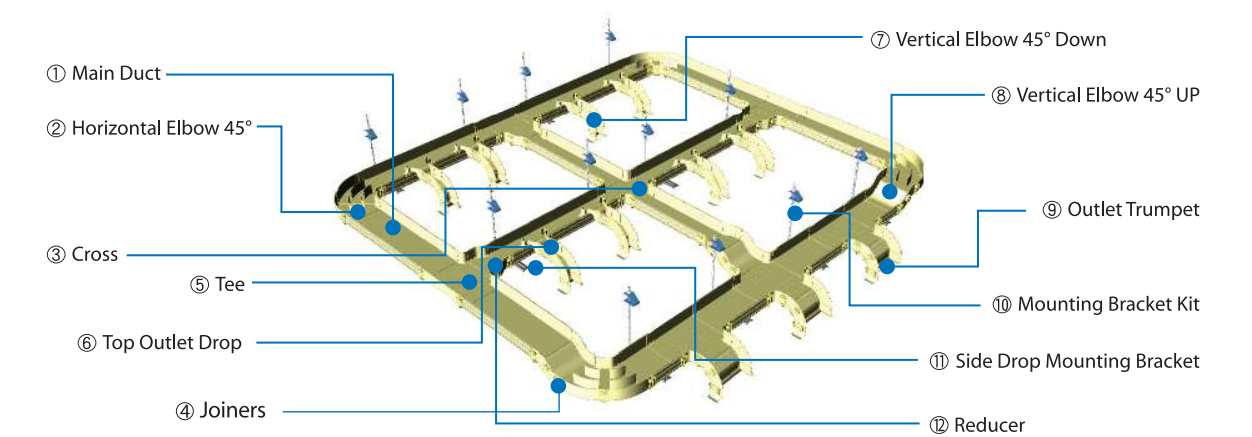
** xx denotes transmission mode : SM(Single-mode), M1~M4 (OM1~OM4)
* yyy denotes length : 030(3m), 050(5m), 100(10m), etc.
* Please contact your representative for available port & type.

Simple™ Rack

Products	Type	Feature	Part Numbers
	Cabinet rack	- Front door : Tempered bent holed Steel or glass(option) - Load capability Maximum 1,000kg - Aluminum frame & 19Inch standard Rack - Fan unit (220V-1FAN), C-Shelf, Cable Bar 3ea - Power Unit(220V-8Way) - Slim nuts M5 bolt, mounting bar, rear door, side/top/bottom panel included	- LS-CR-22-2430-EX(22U) - LS-CR-27-2430-EX(27U) - LS-CR-31-2430-EX(31U) - LS-CR-36-2430-EX(36U) - LS-CR-40-2430-EX(40U) - LS-CR-42-2430-EX(42U) - LS-CR-45-2430-EX(45U)
	Mini Wall Mounted Rack & Management	- Front door : Tempered bent holed Steel - Load capability Maximum 500kg - Aluminum frame & 19Inch standard Rack - Fan unit (220V-1FAN), C-Shelf, Cable Bar 3ea - Power Unit(220V-8Way) - Slim nuts M5 bolt, mounting bar, rear door, side/top/bottom panel included	- LS-MWR-9U-EX - LS-MWR-11U-EX - LS-MWR-13U-EX
	2 Post open rack & Management	- Load capability Maximum 1000kg, M5 Screw Mounting - Available for mounting vertical cable management in the left or right(optional) - Rack material : black color, cold-rolled steel - VCM Guide : flame retardant PC or ABS - M5 Bolts included in open rack	- LS-OR-PAT-xA-EX (2Post open rack) - LS-OR-PATV-xA-EX (Vertical management) - LS-OR-PATS-A-EX (Accessory, Rack holder)
	Extension rack for Datacenter	- Load capability Maximum 1200kg, M5 Screw Mounting - Available for mounting vertical cable management in the left or right(optional) - Rack material : black color, cold-rolled steel - VCM Guide : flame retardant PC or ABS - M5 Bolts included in open rack	- LS-HVF-xS-EX (4Post rack frame) - LS-VCM-xS-EX (Vertical cable management) - LS-SD-xS-EX (Side cover) - LS-FD-xS-EX (Dual perforation hole door)
	High density rack for Datacenter	- High Density PKG Server & Patch rack - Loading capacity : 1200kg - 4Post with Doors(1 front door, 2 rear door), side panel - Fan unit (220V-2FAN)	- LS-HDR-SVRxA-EX (Server rack) - LS-HDR-NWkxA-EX (Network rack)
	Eco rack	- Eco-friendly Design by Plastic Cover - Convenient Installation & Transport by low-weight - Sufficient Strength & Hardness	- LS-MER-6U-390-EX - LS-MER-9U-525-EX - LS-MER-14U-750-EX

x denotes rack unit
* Please contact your LS representative for available type & rack unit

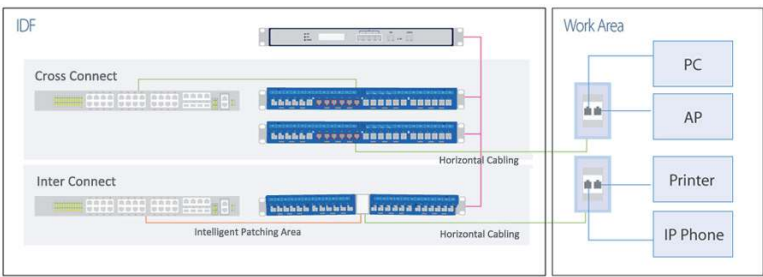
Simple™ Raceway



Products			Description	Part Numbers	Dimension (W x H)
①	②	③	1. Main duct	LS-DS-MD-xx	300mm X 100mm 220mm X 100mm 160mm X 100mm 100mm X 100mm
			2. Horizontal Elbow 45degree	LS-DS-HA45-xx	
			3. Cross	LS-DS-CA-xx	
④	⑤	⑥	4. Joiners	LS-DS-JO-xx	
			5. Tee	LS-DS-TA-xx	
			6. Top Outlet Drop	LS-DS-HT(VT)-10	
⑦	⑧	⑨	7. Vertical Elbow 45degree Down	LS-DS-DA45-xx	
			8. Vertical Elbow 45degree Up	LS-DS-UA45-xx	
			9. Outlet Trumpet	LS-DS-TP-xx	
⑩	⑪	⑫	10. Mounting Bracket Kit	LS-DS-MB-xx	100mm X 100mm 50mm X 100mm
			11. Side Drop Mounting Bracket	LS-DS-SDB-05(10) LS-DS-DMTB-SD-10	
			12. Reducers	LS-DS-RD-xx	

xx denotes Size of Width : 05(50mm), 10(100mm), 16(160mm), 22(220mm), 30(300mm)
Standard length (Main duct) : 2m
Reducers Part Number at xx (W) : 30(300mm -> 220mm, 22(220mm->160mm), 16(160mm->100mm)

Simple Win™ I2MS(Intelligent Infrastructure Management System)



Products	Part Numbers	Description
 Intelligent Controller	LS-IC960-PS1A LS-IC960-PS2A LS-IC384-PS1A	Intelligent Controller, 960Ports, Power Supply 1ea Intelligent Controller, 960Ports, Power Supply 2ea Intelligent Controller, 384Ports, Power Supply 1ea
 485 Cable	LS-ICPC960-001-A LS-ICPC960-002-A LS-ICPC960-005-A	960Ports Intelligent between controller and FDF or Panel, 1M 960Ports Intelligent between controller and FDF or Panel, 2M 960Ports Intelligent between controller and FDF or Panel, 5M
 Intelligent Panel	LS-IPPC-UC-24P LS-IPPI-UC-24P LS-IAPC-UC-24P LS-IAPJ-UC-24P LS-IPPC-SC-24P LS-IAPC-SC-24P	Intelligent Cross-Connection Unshielded plate panel 24ports 1U, 19" rack mount, without Modular Jack Intelligent Inter-Connection Unshielded plate panel 24ports 1U, 19" rack mount, without Modular Jack Intelligent Cross-Connection Unshielded angled panel 24ports 1U, 19" rack mount, without Modular Jack Intelligent Inter-Connection Unshielded angled panel 24ports 1U, 19" rack mount, without Modular Jack Intelligent Cross-Connection Shielded plate panel 24ports 1U, 19" rack mount, without Modular Jack Intelligent Cross-Connection Shielded angled panel 24ports 1U, 19" rack mount, without Modular Jack
 Intelligent RJ45 Patch Cord	LS-IPCC-UC6(L)-xx-yyy, LS-IPCC-UC6A(L)-xx-yyy LS-IPCC-SC6(L)-xx-yyy, LS-IPCC-SC6A(L)-xx-yyy LS-IPIC-UC6(L)-xx-yyy, LS-IPIC-UC6A(L)-xx-yyy LS-IPCS-UC6(L)-xx-yyy, LS-IPCS-UC6A(L)-xx-yyy	Intelligent Cross-Connection (Panel to Panel patching) UTP Cat.6 or Cat.6A, PVC(or LSZH) Cord Intelligent Cross-Connection (Panel to Panel patching) STP Cat.6 or Cat.6A, PVC(or LSZH) Cord Intelligent Inter-Connection (Panel to Switch patching) UTP Cat.6 or Cat.6A, PVC(or LSZH) Cord Intelligent Inter-Connection (Panel to Switch patching) UTP Cat.6 or Cat.6A, PVC(or LSZH) Security Cord
 Intelligent Fiber Distribution Frame	LS-IFDC-LC-SM-C-048-DP-D LS-IFDC-LC-MM-C-048-DP-D LS-IFDC-LC-M3-C-048-DP-D LS-IFDC-LC-M4-C-048-DP-D	Intelligent Cross-Connection LC single-mode, duplex, 24ports(48cores), Slide type, 19" rack mount 1U Intelligent Cross-Connection LC multi-mode, duplex, 24ports(48cores), Slide type, 19" rack mount 1U Intelligent Cross-Connection LC OM3, duplex, 24ports(48cores), Slide type, 19" rack mount 1U Intelligent Cross-Connection LC OM4, duplex, 24ports(48cores), Slide type FDF, 19" rack mount 1U
 Intelligent Fiber Jumper Cord	LS-IFCC-IL/IL-SM-40DPV(Z)-yyy LS-IFCC-IL/IL-MM-40DPV(Z)-yyy LS-IFCC-IL/IL-M3-40DPV(Z)-yyy LS-IFCC-IL/IL-M4-40DPV(Z)-yyy	Intelligent Cross-Connection LC duplex, single-mode Fiber Jumper Cord, PVC(or LSZH) Jacket Intelligent Cross-Connection LC duplex, multi-mode Fiber Jumper Cord, PVC(or LSZH) Jacket Intelligent Cross-Connection LC duplex, OM3 Fiber Jumper Cord, PVC(or LSZH) Jacket Intelligent Cross-Connection LC duplex, OM4 Fiber Jumper Cord, PVC(or LSZH) Jacket
 Software	LS-IMSW-W-zzzzz LS-IMSW-W-ADD LS-IMSW-M-zzzzz LS-IMSW-M-ADD	Intelligent Management Software Port License Intelligent Management Software Additional License Intelligent Management Software Port License (Mobile) Intelligent Management Software Additional License (Mobile)

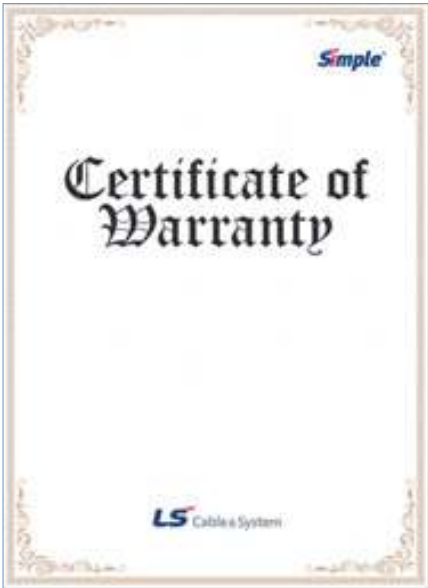
* xx denotes cord color: WH(White), BL(Blue), YL(Yellow), RD(Red), GN(Green), GY(Grey) etc.
* yyy denotes cord lengths: 005(0.5m), 010(1m), 030(3m), 050(5m), 070(7m), 100(10m) etc.
* zzzzz denotes management port number: 01000(1000ports), 02000(2000ports), 03000(3000ports)
* Please contact your LS representative for available fiber jumper cord diameter and polishing type etc.

LS Simple™ Warranty

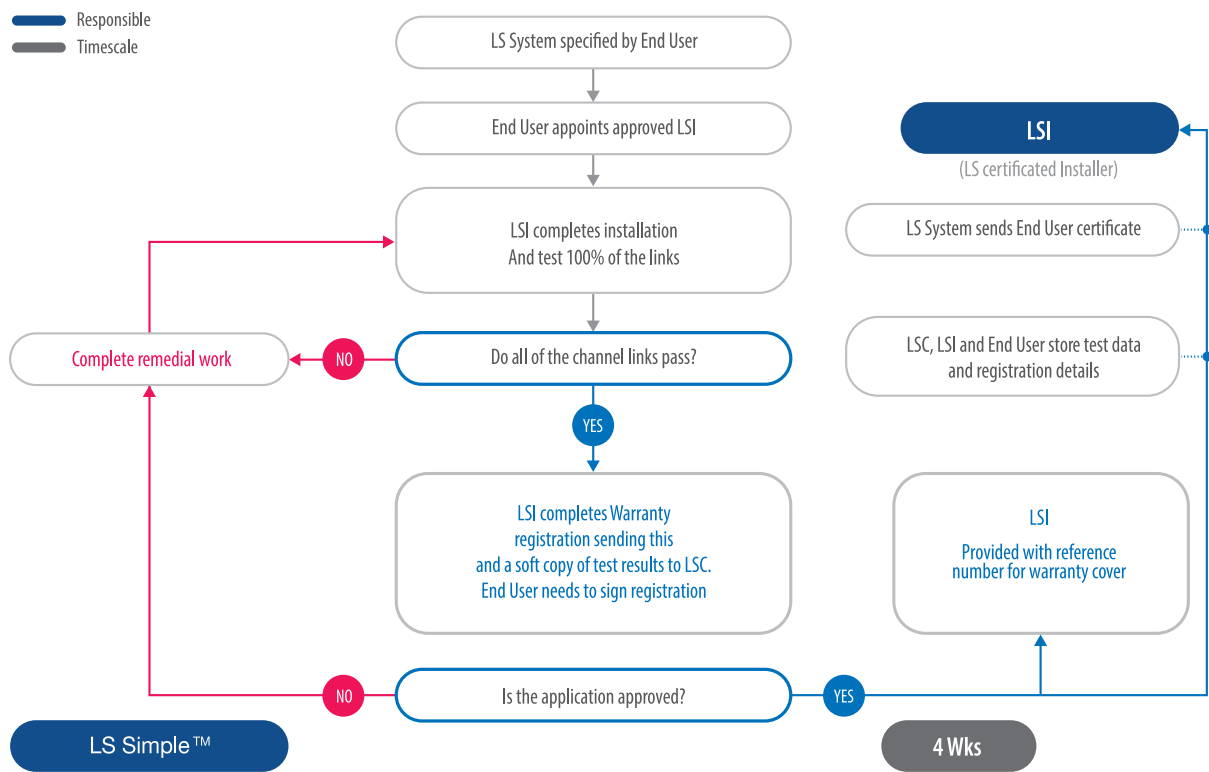
LS Simple™ Warranty

The Simple™ range of solutions 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.



LS Simple™ Warranty Process



PROJECT REFERENCE IN VIETNAM



PROJECT REFERENCE IN VIETNAM



AEON BINH TAN HCMC 2016



AEON CELADON TAN PHU HCMC 2013



AEON CANARY BINH DUONG 2014



LOTTE MART DA NANG 2013



LOTTE MART PHAN THIET 2013



LOTTE MART BINH DUONG 2013



LOTTE MART HCMC 2010

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PROJECT REFERENCE IN VIETNAM



VINHOMES CENTRAL PARK 2017



GOVERNMENT SECURITY GENERAL A70-A71
HCMC 2014



SUN AVENUE 2017



VĂN PHÒNG THÀNH ỦY HCM 2016



LEXINGTON HCM 2015



RICHSTAR 2017



GREEN VALLEY HCM 2015



SUNRISE CITY 2014-2015

Global Network

