

Simple[™]

Structured Cabling System





Energy Cables & Systems

LS Cable & System-setting
the standards in power
solution business

Industrial Materials

Realizing a convenient future
with cutting-edge materials

Telecommunications

Providing cutting-edge,
innovative technologies for a
ubiquitous network

Integrated Modules & Cable Systems

Providing the best customized
cable solutions for
all environments

At LS Cable & System

We understand our responsibility and our potential in leading society to remarkable improvements in varied facets of human life and society. For the past many decades we successfully took the challenge of providing our clients with solutions and support systems to service their globe-spanning businesses. We recognize the significance of our contributing customer-oriented services for the betterment of the society and its operations.

We believe that our responsibility should not end in mere execution of our customers' project, but should extend towards contributing our knowledge and expertise in returning value to their company and to the society within which they live. Our vision is to provide world class services and products to our clients with a sense of responsibility and accountability towards them, their employees and ultimately the society.

We are determined to shoulder our responsibility of serving the society by protecting the environment. We bear the vision of alleviating the ill-effects on the ecosystem and human life using more advanced technology. We are persistently in the process of putting our philosophy in action.

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cables

Category 6A Cable 4 Pair

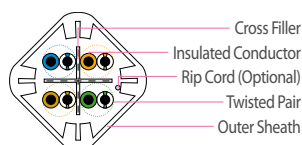
description

- Capable of handling full broadband and baseband
- High flame retardant grade of the cable is protected propagation of fire
- Electrical performances comply with ANSI/TIA 568C.2 standard

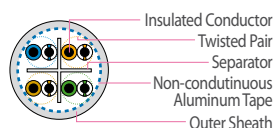
structure

Category 6A U/UTP cable 4 Pair

- 1st generation (UL Listed & Verified)
- Inner jacket spacer (FOD: 9.0mm)

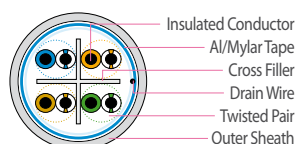


- Next generation (UL Listed & ETL Verified)
- SS-UTP (FOD: 7.0mm)

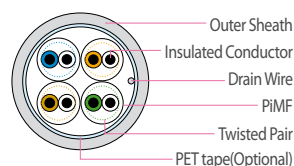


Category 6A shield cable 4 Pair

- F/UTP Category 6A (UL Listed)



- U/FTP Category 6A



*PIMF : Pair In Metal Foil

part numbers

Description		Flame Retardant Grade				
		CMX	CM	CMR	CMP	LSZH
Category 6A U/UTP Cable 4 Pair	Original : 9mm	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-F1VI-P 0.5X004P/xx	UTP-A-C6G-E1ZI-X 0.5X004P/xx
	Next G : 7mm	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
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

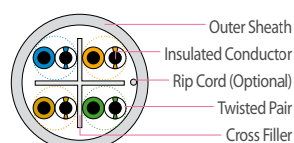
Additional +3dB margin of NEXT, ELFEXT in channel performance (compared to standard Cat6 level) is guaranteed by the enhancement of cable and jack even using standard Cat6 patch cord application. Supporting stabilization of communication environment, this solution is suited to high profile application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

description

- Capable of handling full broadband and baseband
- High flame retardant grade of the cable is protected propagation of fire
- Addition of Near End Crosstalk requirements improves cable performance
- Electrical performances comply with ANSI/TIA 568C.2 standard
- Reel in a box is standard, so wire pulls through box opening for easy access
- RoHS Compliant
- The Crosstalk performance is specified 3dB higher than standard Category 6

structure

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



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

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

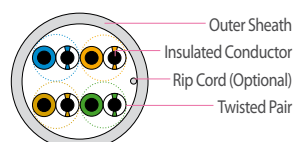
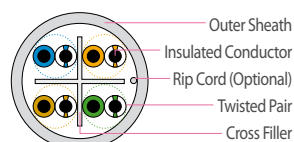
Category 6 Cable 4 Pair

description

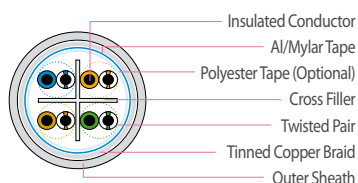
- Capable of handling full broadband and baseband
- High flame retardant grade of the cable is protected propagation of fire (Plenum Cable)
- Every Master reel is tested for electrical performance compliance
- Addition of balance requirements improves cable performance
- Electrical performances comply with ANSI/TIA 568C.2 standard
- Reelex & Reel in a box is standard, so wire pulls through box opening for easy access
- RoHS Compliant

structure

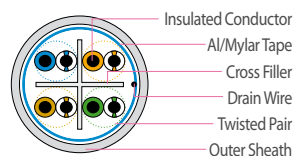
Category 6 U/UTP Cable 4 Pair (3rd party approval : UL,ETL,EC)



Category 6 SF/UTP Cable 4 Pair



Category 6 F/UTP Cable 4 Pair



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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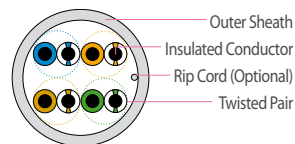
Category 5e Cable 4 Pair

description

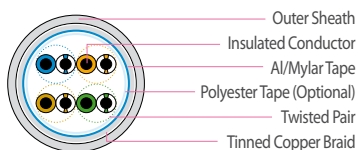
- Supports Fast Ethernet, Gigabit Ethernet, 155 Mb/s ATM, Multimedia
- All accepted design for global commercial network installation
- Simplified structured cabling solution preserving long-term network investment
- Electrical performances comply with ANSI/TIA 568C.2 standard
- RoHS Compliant

structure

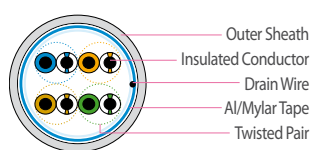
Category 5e U/UTP Cable 4 Pair (3rd party approval: UL,ETL,EC)



Category 5e SF/UTP Cable 4 Pair



Category 5e F/UTP Cable 4 Pair



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

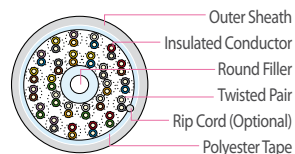
Multi-Pair Cables

description

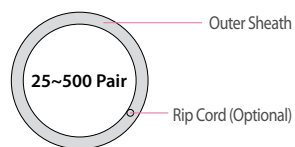
- All accepted design for global commercial network installation
- Simplified structured cabling solution preserving long-term network investment
- Electrical performances comply with ANSI/TIA 568C.2
- RoHS Compliant

structure

Category 5e U/UTP Cable 25 Pair (UL Listed & Verified)



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

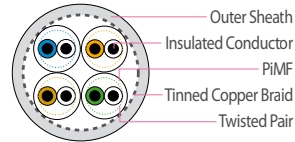
Category 7 Cable 4 Pair

description

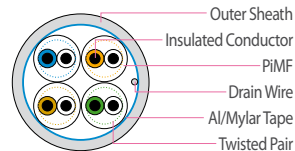
- Capable of handling full broadband and baseband
- Low smoke zero halogen and high flame retardant grade of the cable
- Electrical performances comply with IEC 61156-5
- Alien Crosstalk and RoHS compliant

structure

Category 7 S/FTP Cable 4 Pair



Category 7 F/FTP Cable 4 Pair



part numbers

Description	Flame Retardant Grade			
	CMX	CM	CMR	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-E1VN-R 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-E1VN-R 0.5X004P/xx	FSP-G-C7G-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

Fiber Optic

Structure	Type	Part Numbers
Optical Fiber Outer Jacket Micro Sub-Unit Dielectric Strength Member	LSZH Rated	CT □□ ZSNA □□ ① ②
	RISER Rated	CT □□ RSNA □□ ① ②
	PLENUM Rated	CT □□ PSNA □□ ① ②
Outer Jacket Coated Central Strength Member Ripcord Optical Fiber 0.9mm Buffered Fiber Aramid Yarn Sub-unit Jacket Ripcord	LSZH Rated	DT □□ KZ □□ □□ ① ② ③
	RISER Rated	DT □□ KR □□ □□ ① ② ③
	PLENUM Rated	DT □□ KP □□ □□ ① ② ③
Outer Jacket Coated Central Strength Member Ripcord 0.9mm Buffered Fiber Optical Fiber Aramid Yarn Sub-unit Jacket	LSZH Rated	BT □□ KZ □□ □□ ① ② ③
	RISER Rated	BT □□ KR □□ □□ ① ② ③
	PLENUM Rated	BT □□ KP □□ □□ ① ② ③
Optical Fiber 0.9mm Buffered Fiber Dielectric Strength Member Outer Jacket	Simplex Cord	SC □□ □ 01 □□ □□ ① ② ③ ④
	Zip Cord	DC □□ □ 02 □□ □□ ① ② ③ ④
	Duplex Flat	DF □□ □ 02 □□ □□ ① ② ③ ④

- ① Select Fiber Type
SC = 9/125 μ m (ITU-T G652A,B)
SE = 9/125 μ m (ITU-T G652C,D)
HC = 62.5/125 μ m Standard
HG = 62.5/125 μ m 1 Gbe
MC = 50/125 μ m Standard
MG = 50/125 μ m 1 Gbe
MX = 50/125 μ m 10 Gbe 300 meter Link Length

- ② Fiber Count : 2 digit No.
Ex. 6 Fiber Count : 06, 24 Fiber Count : 24
R = UL TYPE OFNR
P = UL TYPE OFNP
Z = LSZH TYPE

- ③ Sheath Color
YL = Yellow
OR = Orange
AQ = Aqua
BK = Black

- ④ 16 = 1.6 mm Diameter
18 = 1.8 mm Diameter
20 = 2.0 mm Diameter
24 = 2.4 mm Diameter
29 = 2.9 mm Diameter

connectivity

Keystone Jack

Products	Category	Description	Part Numbers	Compatible items
	Cat.5e Cat.6 Cat.6A	Unshielded Modular Jack, Slim Enhanced Rear IDC type	LS-MJ-UCxx-yy-ERI	Panel : LS-PP-24P(48P)-E series, LS-APP-24P(48P)-E series, LS-PP-MD-12P(24P) series, LS-PPP(APP)-UC(SC) series Outlet : LS-FP-SA(SF)(US)(AUS) series Tool : LS-EZT-TOOL-ER
	Cat.6A	Unshielded Modular Jack, 90 degree, Slim IDC type	LS-MJ-UC6A-yy-SI	Panel : LS-PP-24P(48P)-E series, LS-APP-24P(48P)-E series, LS-PP-MD-12P(24P) series, LS-PPP(APP)-UC(SC) series Outlet : LS-FP-SA(SF)(US)(AUS) series Tool : LS-EZT-TOOL-SI
	Cat.5e Cat.6	Unshielded Modular Jack, Slim-Body, 90degree IDC type	LS-MJ-UCxx-yy-SB	Panel : LS-PP-24P(48P)-E series, LS-APP-24P(48P)-E series, LS-PP-MD-12P(24P) series, LS-PPP(APP)-UC(SC) series Outlet : LS-FP-SA(SF)(US)(AUS) series Tool : LS-EZT-TOOL-SB
	Cat.6A	Shielded Modular Jack, Slim Enhanced Rear IDC type	LS-MJ-SC6A-ERI	Panel : LS-PP-24P(48P)-E series, LS-APP-24P(48P)-E series, LS-PP-MD-12P(24P) series, LS-PPP(APP)-UC(SC) series Outlet : LS-FP-SA(SF)(US)(AUS) series Tool : LS-EZT-TOOL-ER
	Cat.5e Cat.6	Shielded Modular Jack, Rear IDC type	LS-MJ-SCxx-yy-RIDC	Panel : LS-PP-24P(48P)-E series Outlet : LS-FP-SA(SF)(US)(AUS) series Tool : LS-EZT-TOOL-FR

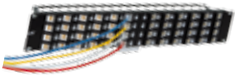
*xx denotes category : 5E(Cat.5e), 6(Cat.6), 6A(Cat.6A)
yy denotes color : WH=White, BL=Blue, RD=Red, BK=Black
3rd party approval : UL

GXC & 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/O	19inch Rack bracket : LS-110BRACKET-xU series Mini Rack : LS-HWMR-xx series
	Cat.5e	Unshield 110 Wiring Block with leg (50,100P available)	LS-110WB-UC5ES-yyP-W	In the SoHo box or consolidation box
	Cat.5e	Unshield 110 Wiring Block without leg (25,50,100P available)	LS-110WB-UC5ES-yyP-W/O	19inch Rack bracket : LS-110BRACKET-xU series Mini Rack : LS-HWMR-xx series
	Cat.6	Unshield 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	Unshield 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

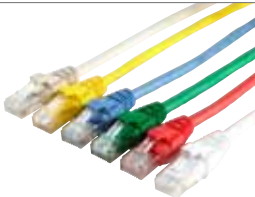
xx denotes rack units(1U,2U,4U)
yy denotes the number of pairs : 20(20 pair), 25(25 pair), 40(40 pair), 50(50 pair), 80(80 pair), 100(100 pair)
3rd party approval: UL(Cat.5e without leg and Cat.6 80Pair)

Patch Panel

Products	Category	Description	Part Numbers
	Cat.6A	24-Ports Unshielded, Jack type Panel with Enhanced Rear IDC Jack & Wire Management	LS-PP-UC6A-24P-WM-ERI
	Cat.6A	24-Ports Shielded, Jack type Panel with Enhanced Rear IDC Jack & Wire Management	LS-PP-SC6A-24P-WM-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 management	LS-PP-24P-E-WM
	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 Empty Panel, Module type for Unshielded, 19" std.	LS-PP-MD-24P-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

* 3rd party approval : UL

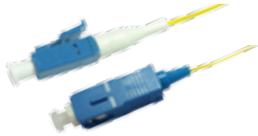
Patch Cord

Products	Category	Description	Type	Part Numbers	Wiring
	Cat.5e, Cat.6, Cat.6A	Unshielded Modular Patch Cord	PVC	LS-PC-UCxx-yy-zzz	T568B Wiring
	Cat.5e, Cat.6, Cat.6A	Shielded Modular Patch Cord	PVC	LS-PC-SCxx-yy-zzz	T568B Wiring
	Cat.5e, Cat.6, Cat.6A	Unshielded Modular Patch Cord	LSZH	LS-PC-UCxxL-yy-zzz	T568B Wiring
	Cat.5e, Cat.6, Cat.6A	Shielded Modular Patch Cord	LSZH	LS-PC-SCxxL-yy-zzz	T568B Wiring

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
3rd party approval : UL(PVC type)

zzz denotes length : 005(0.5m), 010(1m), 050(5m) etc
※ T568A is available

Fiber Connectivity

Products		Description		Mode	Color		Part Numbers
	Fiber Optic Jumper Cord	Single Mode		Cable	Connector		LS-JC-A(B)/A(B)-C-DEF-G-(H)
				Yellow	Blue (PC) Green (APC)		
		Multi Mode	Orange (OM1, 2) Aqua (OM3, 4)	Grey (LC, SC) Black (ST)			
	Fiber Optic Pigtail	Single Mode		Connector		LS-PIG-A(B)-C-DEF-G-(H)	
				Blue (PC) Green (APC)			
		Multi Mode	Grey (LC, SC) Black (ST)				

A denotes Connector type
SC = SC Connector
ST = ST Connector
LC = LC Connector

B denotes Polishing
Zero = PC
UC = UPC
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
9 = Ø0.9
18 = Ø1.8
20 = Ø2.0
24 = Ø2.4
30 = Ø3.0

E denotes Cable type
SP = Simplex Cord
DP = Zip Cord

F denotes Cable Jacket
V = PVC
Z = LSZH

G denotes Length (M)
005=0.5m
010=1m
100=10m
Etc...

H denotes Other
Boot Color
BL/RD = Blue/Red
YL/GY = Yellow/Gray

Products	Description	Part Numbers	Compatible items
	Fiber Optic Adaptor	LS-FA-a-b-c-d-e-f	FDF : LS-FDF series FDP : LS-FDP series
	Fiber Optic Connector	LS-FC-a/b-c-d-e-(f)	

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

※Part Number for Connector
 a denotes Type : LC, SC, ST
 b denotes Polishing : PC, UPC, APC
 c denotes Fiber type : SM, MM
 d denotes Core : 1 (Simplex), 2 (Duplex), 12 (MPO 12C)
 e denotes Color : BL (Blue), BG (Beige), GN (Green), etc
 *f denotes Boot color : BL (Blue), BG (Beige), GN (Green), etc

Products	Type	Description	Capacity	Part Numbers
	Outer	Fiber Distribution Frame (FDF), Outer Type	LC : 48C SC : 48C ST : 24C	¹⁾ LS-FDF-a-b-(c)-(d)-e-f
	Empty	Fiber Distribution Frame (FDF), Empty Type	LC : 96C SC : 48C ST : 24C	²⁾ LS-FDF-a-EP-d-B-c
	FDP	FDP 'B' type Module with Adaptor		³⁾ LS-FDP-a-b-c-d-B

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

2) a denotes Unit : 1U, 2U, 4U
 b denotes Module hole No. : 4M, 8M, 16M
 c denotes Frame type : O (Outer type), D (Drawer type)

3) a denotes Adaptor : LC, SC, ST
 b denotes Transmission Mode : SP (Simplex), DP (Duplex)
 c denotes Cores No. : 006 (6C), 012 (12C), 024 (24C)
 d denotes Fiber type : SM (Single-mode), MM (Multi-mode)

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-8686-27
	Euro Type Single/Double Gang Back Box (D27/37mm)	LS-BB-8686-x LS-BB-86147-x	Faceplate : LLS-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 Faceplate	LS-FP-US-xPORT LS-FP-US-xPORT-D	M/Jack:LS-MJ-UC(SC)5E(6)(6A) Series 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	M/Jack : LS-MJ-UC(SC)5E(6)(6A) Series
	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, LS-PP-MD Faceplate : LS-FP-US series
	Surface Mount Box	LS-SMB-xPORT	M/Jack : LS-MJ-UC6E-WH-PLUS, LS-MJ-UC6-WH, LS-MJ-UC5E-WH LS-MJ-UC5E, 6-xx-SB Series

3rd party approval: UL(faceplates)

Tools

Products	Description	Part Numbers	Compatible items
	Easy Termination Tool for Modular Jack	LS-EZT-TOOL-SB	M/Jack : LS-MJ-UC5E(6)-xx-SB
		LS-EZT-TOOL-SI	M/Jack : LS-MJ-UC6A-xx-SI
		LS-EZT-TOOL-FR	M/Jack : LS-MJ-UC5E(6)-xx-RIDC
		LS-EZT-TOOL-ER	M/Jack : LS-MJ-UC(SC)5E(6)(6A)-xx-ERI
	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-SI1	Modular Plug : LS-MP-UC5E-RJ45
		LS-CT-C6-SI1	Modular Plug : LS-MP-UC6-RJ45

Simple Fast-Net™

copper

Products	Category	Description	Part Numbers	Compatible items
	UTP Cat.6 UTP Cat.6A	Fast-Net™ patch Panel (4 Module)	LS-PPP-UC-24P-EP4-(WM)-C LS-APP-UC-24P-EP4-(WM)-C	Pre-term. Module : LS-PC6 Cord series
	UTP Cat.6 UTP Cat.6A	Fast-Net™ Patch Cord & Equipment Cord	LS-PC6-UC6(A)-www-Jjyy-zzz-ERI (Jack to Jack) LS-PC6-UC6(A)-www-Jpyy-zzz-ERI (Jack to Plug)	Modular Jack : LS-MJ-UC6(6A)-xx-ERI Empty Panel : LS-PPP(APP) series

* w denotes cable flame retardand : M(CM), L(LSZH)

* xx denotes cable color : BL(Blue), GY(Gray) etc.

* 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 Soltion)

Products	Description	Part Numbers	Compatible items
	MPO Modular Panel 4-module Drawer type	LS-MPM-DM3E-EP4-D	LS-MPM Cassette series
	MPO Cassette 4-Module 12 Core LC type	LS-MPM-DM1-LC-a-012-DP	LS-MPM-DM3E-EP4-D
	MPO Cassette 4-Module 24 Core LC type	LS-MPM-DM1-LC-a-024-DP	
	MPO Cassette 4-Module 12 Core SC type	LS-MPM-DM1-SC-a-012-DP	
	MPO Trunk Cable with 12Core Micro Distribution Cable	LS-JC-MOF-MOF-a-MD12-Z-b	
	MPO Fan-out Cord with 12 Core LC Connectors	LS-JC-MOF-LC/PC-a-DF12-Z-b	
	MPO Fan-out Cord with 12 Core SC Connectors	LS-JC-MOF-SC/PC-a-DF12-Z-b	

a denotes Mode : SM (Single Mode), M1, 2, 3, 4 (Multi Mode OM1, 2, 3, 4)

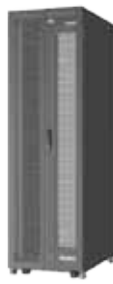
b denotes Length : 3m (030), 5m (050), 10m (100), etc

* Basic Connector type is Female (MOF), Male type is available with customer needs (MOM).

Simple Closet™ High Density Rack Solution



Server Rack



Network Rack



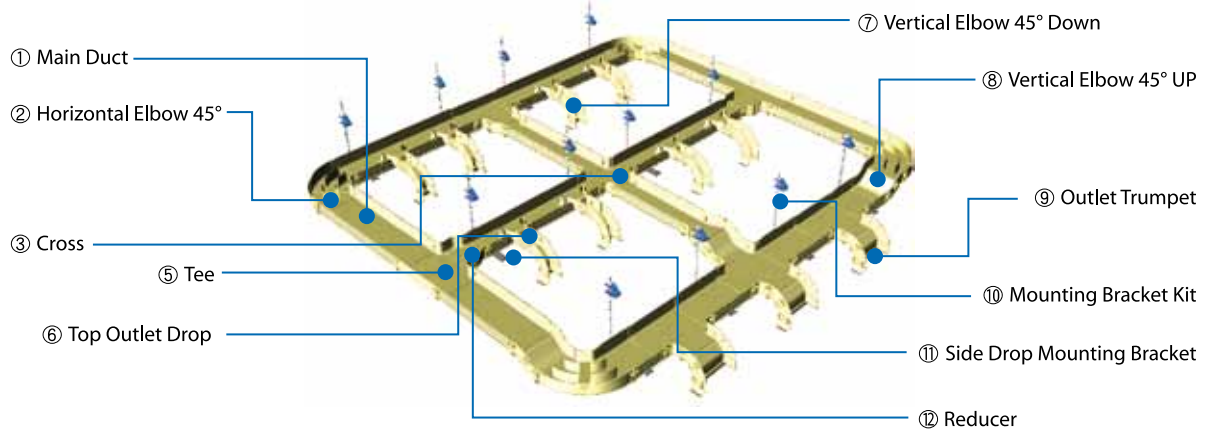
2 Post Patch Rack



Cabinet Rack

Part Number	LS-HDR-SVR42A	LS-HDR-NWK42A	LS-HDR-PAT42A LS-HDR-PAT42B (with VCM)	LS-CR-44-2430
Dimension (H * W * D mm)	2100 * 600 * 1000	2100 * 800 * 1000	2100 * 600 * 1000	2200 * 600 * 750
Feature	- 4Posts Rack - Single door - Adjustable mounting rail - Cage Nuts(M5) Mount Frame	- 4posts Rack - Dual door - Provide ABS material finger - Adjustable mounting rail - Cage Nut(M5) Mount Frame	- Provide ABS material finger - Double VCM both side ('B' type) - Suitable for cable patching in Data Center - Line Nut Mount Frame	- Rack Base Castor with level foot - Caster & Plinths - Steel or glass door
Manufacturing	- Load capability : 1,000kg - Material : Steel & Plastic (ABS) - Door Keys	- Load capability : 1,000kg - Material : Steel & Plastic (ABS) - Door Keys	- Load capability : 1,000kg - Material : Steel/AL & Plastic (ABS)	- Side Panel - Side Panel - Side Panel - Side Panel
Cabling	- VCM installable - Door & finger removable - Supporting by plinths	- VCM installable - Door & finger removable - Supporting by plinths	- Double VCM installable (W135mm, 'B' type) - VCM removable - Supporting by Base panel & bolt	- Slide latch type side doors - steel real door - safety glass front door - 6063-T5 Al construction
Air Circulation	- Front & Rear door considering AC - Perforation ratio : 70% over - Additional AC mountable - Blank panel mountable	- Front & Rear door considering AC - Perforation ratio : 70% over - Additional AC mountable - Blank panel mountable	- Opening type	- Attachable fans on the Top & Bottom (optional)

Simple Paths™ Solution

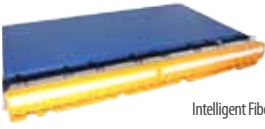


Products			Description	Part Numbers	Dimension (W x H)
①	②	③	1. Main duct	LS-DS-MD-xx	300mm X 100mm 220mm X 100mm 160mm X 100mm 100mm X 100mm
			2. Horizontal Elbow 45degree	LS-DS-HA45-xx	
			3. Cross	LS-DS-CA-xx	
			4. Joiners	LS-DS-JO-xx	
			5. Tee	LS-DS-TA-xx	
			6. Top Outlet Drop	LS-DS-HT(VT)-10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

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 View™ IIM(Intelligent Infrastructure Management)



Products	Part Numbers	Description
 Intelligent Controller	LS-IC960-PS1A LS-IC960-PS2A	Intelligent Controller, 960Ports, Power Supply 1ea Intelligent Controller, 960Ports, Power Supply 2ea
 485 Cable	LS-ICPC960-001-A LS-ICPC960-002-A LS-ICPC960-005-A	960Ports Intelligent between controller and FDF, 1M 960Ports Intelligent between controller and FDF, 2M 960Ports Intelligent between controller and FDF, 5M
 Intelligent Panel	LS-IPPC-UC-24P LS-IPPI-UC-24P LS-IAPC-UC-24P LS-IAPL-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-IPCI-UC6(L)-xx-yyy, LS-IPCI-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-MM-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), Drawer type FDF, 19" rack mount 1U Intelligent Cross-Connection LC multi-mode, duplex, 24ports(48cores), Drawer type FDF, 19" rack mount 1U Intelligent Cross-Connection LC OM3, duplex, 24ports(48cores), Drawer type FDF, 19" rack mount 1U Intelligent Cross-Connection LC OM4, duplex, 24ports(48cores), Drawer 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 Patch Cord, PVC(or LSZH) Jacket Intelligent Cross-Connection LC duplex, multi-mode Fiber Patch Cord, PVC(or LSZH) Jacket Intelligent Cross-Connection LC duplex, OM3 Fiber Patch Cord, PVC(or LSZH) Jacket Intelligent Cross-Connection LC duplex, OM4 Fiber Patch Cord, PVC(or LSZH) Jacket
Software	LS-IMSW-W-zzzz	Intelligent Management Software Port License

* 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.

* zzzz denotes management port number: 01000(1000ports)

* Please contact your LS representative for available fiber jumper cord diameter and polishing type etc.

LS Simple™ Warranty

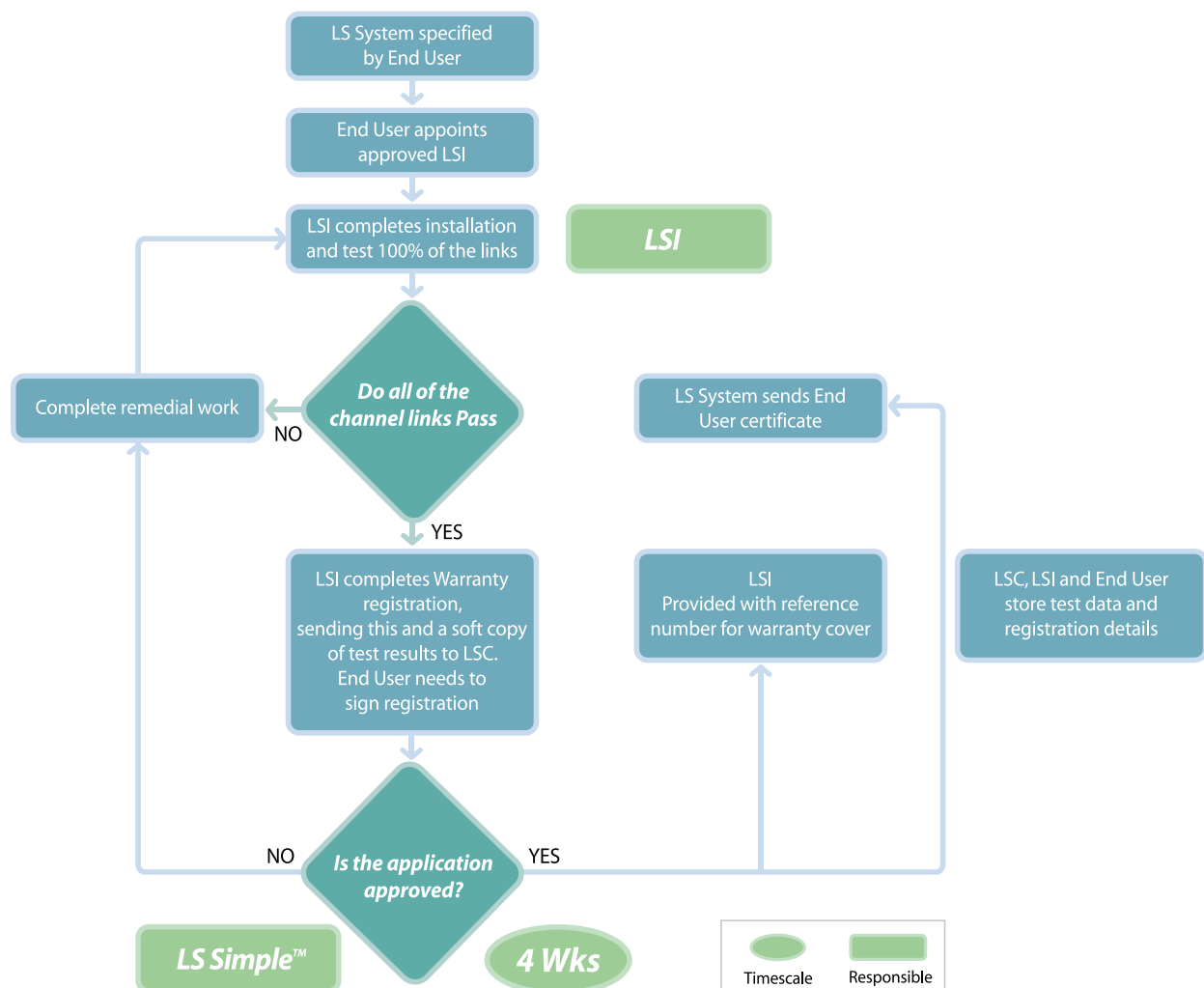
LS Simple™ Warranty

The Simple™ range of solutions is supported by a Simple™ comprehensive warranty

- 25 Year Application and product warranty
- Product replacement for any approved claims, installed and re-tested, with all field labour costs included under warranty
- Installed and registered by an approved SI
- Warranty applied to the project / location can be sold with the building by the end user



LS Simple™ Warranty Process



Global Network

