

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

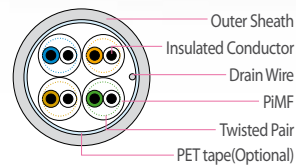
Category 6A Cable 4 Pair

description

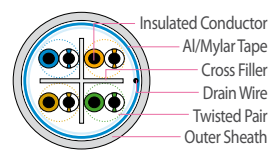
- 3rd Party Approval (UL, ETL, DELTA)
- Capable of handling full broadband and baseband
- High flame retardant grade of the cable is protected propagation of fire
- Electrical performances comply with TIA/EIA-568 standard

structure

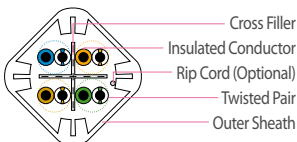
Category 6A U/FTP Cable 4 Pair



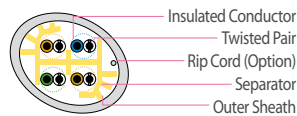
Category 6A F/UTP Cable 4 Pair



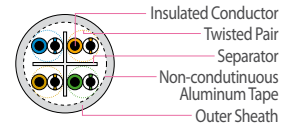
Category 6A U/UTP Cable 4 Pair



1st generation (inner jacket spacer)
diameter : 9mm



2nd generation (H Filler)
diameter : 8mm



3rd generation (SS-UTP)
diameter : 7mm



part numbers

Description	Flame Retardant Grade					
	CMX	CM	CMR	CMP	LSZH	
Category 6A U/UTP Cable 4 Pair	1st :9mm	UTP-A-C6G-E1VI-X 0.5X004P/(1)	UTP-A-C6G-E1VI-M 0.5X004P/(1)	UTP-A-C6G-E1VI-R 0.5X004P/(1)	UTP-A-C6G-E1VI-P 0.5X004P/(1)	UTP-A-C6G-E1ZI-X 0.5X004P/(1)
	2nd : 8mm	UTP-A-C6G-E1VH-X 0.5X004P/(1)	UTP-A-C6G-E1VH-M 0.5X004P/(1)	UTP-A-C6G-E1VH-R 0.5X004P/(1)	UTP-A-C6G-E1VH-P 0.5X004P/(1)	UTP-A-C6G-E1ZH-X 0.5X004P/(1)
	3rd : 7mm	UTP-A-C6G-E1VF-X 0.5X004P/(1)	UTP-A-C6G-E1VF-M 0.5X004P/(1)	UTP-A-C6G-E1VF-R 0.5X004P/(1)	UTP-A-C6G-E1VF-P 0.5X004P/(1)	UTP-A-C6G-E1ZF-X 0.5X004P/(1)
Category 6A F/FTP Cable 4 Pair	USP-A-C6G-E1VN-X 0.5X004P/(1)	USP-A-C6G-E1VN-M 0.5X004P/(1)	USP-A-C6G-E1VN-R 0.5X004P/(1)	-	USP-A-C6G-E1ZN-X 0.5X004P/(1)	
Category 6A F/UTP Cable 4 Pair	FTP-A-C6G-E1VN-X 0.5X004P/(1)	FTP-A-C6G-E1VN-M 0.5X004P/(1)	FTP-A-C6G-E1VN-R 0.5X004P/(1)	-	FTP-A-C6G-E1ZN-X 0.5X004P/(1)	

Denote : (1) WH : White, BL : Blue, GY : Gray, VI : Violet, OR : Orange, RD : Red, GN : Green, YL : Yellow, BK : Black

Category 6+ Cable 4 Pair

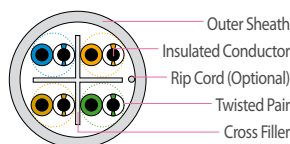
Additional +3dB margin of NEXT, ELFEXT in channel performance (compared to standard Cat6 level) is guaranteed by the enhancement of cable and jack even using standard Cat6 patch cord application. Supporting stabilization of communication environment, this solution is suited to high profile application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

description

- 3rd Party Approval (UL, ETL, DELTA)
- 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 TIA/EIA-568 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



part numbers

Description	Flame Retardant Grade				
	CMX	CM	CMR	CMP	LSZH
Category 6+ U/UTP Cable 4Pair	UTP-G-C6E-E1VN-X 0.5X004P/(1)	UTP-G-C6E-E1VN-M 0.5X004P/(1)	UTP-G-C6E-E1VN-R 0.5X004P/(1)	UTP-G-C6E-E1VN-P 0.5X004P/(1)	UTP-G-C6E-E1ZN-X 0.5X004P/(1)

Denote : (1) WH: White, BL: Blue, GY: Gray, VT: Violet, OR: Orange, RD: Red, GN: Green, YL: Yellow, BK: Black

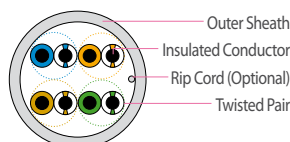
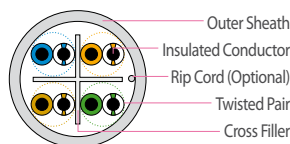
Category 6 Cable 4 Pair

description

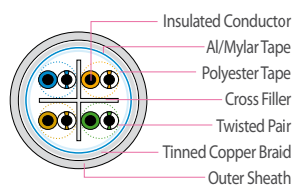
- 3rd Party Approval (UL, ETL, DELTA)
- Capable of handling full broadband and baseband
- High flame retardant grade of the cable is protected propagation of fire (Plenum Cable)
- Every Master reel is tested for electrical performance compliance
- Addition of balance requirements improves cable performance
- Electrical performances comply with TIA/EIA-568 standard
- Reelex & Reel in a box is standard, so wire pulls through box opening for easy access
- RoHS Compliant

structure

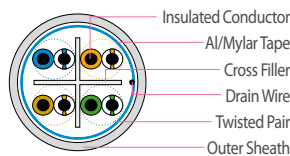
Category 6 U/UTP Cable 4 Pair



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/(1)	UTP-G-C6G-E1VN-M 0.5X004P/(1)	UTP-G-C6G-E1VN-R 0.5X004P/(1)	UTP-G-C6G-E1VN-P 0.5X004P/(1)	UTP-G-C6G-E1ZN-X 0.5X004P/(1)
	Non Filler	UTP-G-C6G-E1VX-X 0.5X004P/(1)	UTP-G-C6G-E1VX-M 0.5X004P/(1)	UTP-G-C6G-E1VX-R 0.5X004P/(1)	UTP-G-C6G-E1VX-P 0.5X004P/(1)	UTP-G-C6G-E1ZX-X 0.5X004P/(1)
Category 6 SF/UTP Cable 4Pair	SFP-G-C6G-E1VN-X 0.5X004P/(1)	SFP-G-C6G-E1VN-M 0.5X004P/(1)	SFP-G-C6G-E1VN-R 0.5X004P/(1)	-	SFP-G-C6G-E1ZN-X 0.5X004P/(1)	
Category 6 F/UTP Cable 4Pair	FTP-G-C6G-E1VN-X 0.5X004P/(1)	FTP-G-C6G-E1VN-M 0.5X004P/(1)	FTP-G-C6G-E1VN-R 0.5X004P/(1)	-	FTP-G-C6G-E1ZN-X 0.5X004P/(1)	

Denote : (1) WH: White, BL: Blue, GY: Gray, VT: Violet, OR: Orange, RD: Red, GN: Green, YL: Yellow, BK: Black

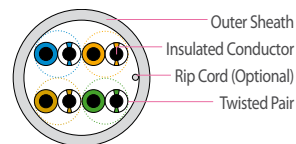
Category 5e Cable 4 Pair

description

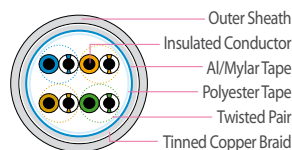
- 3rd Party Approval (UL, ETL, DELTA)
- Supports Fast Ethernet, Gigabit Ethernet, 155 Mb/s ATM, Multimedia
- All accepted design for global commercial network installation
- Simplified structured cabling solution preserving long-term network investment
- Electrical performances comply with TIA/EIA-568 standard
- RoHS Compliant

structure

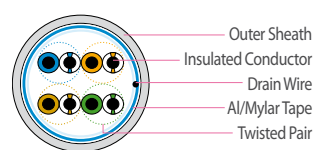
Category 5e U/UTP Cable 4 Pair



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-CSG-E1VN-X 0.5X004P/(1)	UTP-E-CSG-E1VN-M 0.5X004P/(1)	UTP-E-CSG-E1VN-R 0.5X004P/(1)	UTP-E-CSG-F1VN-P 0.5X004P/(1)	UTP-E-CSG-E1ZN-X 0.5X004P/(1)
Category 5e SF/UTP Cable 4 Pair	SFP-E-CSG-E1VN-X 0.5X004P/(1)	SFP-E-CSG-E1VN-M 0.5X004P/(1)	SFP-E-CSG-E1VN-R 0.5X004P/(1)	-	SFP-E-CSG-E1ZN-X 0.5X004P/(1)
Category 5e F/UTP Cable 4 Pair	FTP-E-CSG-E1VN-X 0.5X004P/(1)	FTP-E-CSG-E1VN-M 0.5X004P/(1)	FTP-E-CSG-E1VN-R 0.5X004P/(1)	-	FTP-E-CSG-E1ZN-X 0.5X004P/(1)

Denote : (1) WH: White, BL: Blue, GY: Gray, VI: Violet, OR: Orange, RD: Red, GN: Green, YL: Yellow, BK: Black

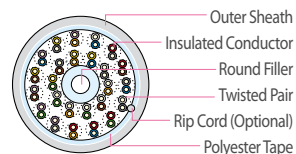
Multi-Pair Cables

description

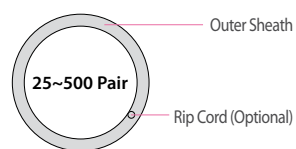
- 3rd Party Approval (UL, ETL, DELTA)
- All accepted design for global commercial network installation
- Simplified structured cabling solution preserving long-term network investment
- Electrical performances comply with TIA/EIA-568B.2
- RoHS Compliant

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-CSG-E1VN-X 0.5X025P/(1)	UTP-E-CSG-E1VN-M 0.5X025P/(1)	UTP-E-CSG-E1VN-R 0.5X025P/(1)	UTP-E-CSG-E1ZN-X 0.5X025P/(1)
Category 3 U/UTP Cable 25~500Pair	UTP-G-C3G-S1VN-X 0.5X(2)P/(1)	UTP-G-C3G-S1VN-M 0.5X(2)P/(1)	UTP-G-C3G-S1VN-R 0.5X(2)P/(1)	UTP-G-C3G-S1ZN-X 0.5X(2)P/(1)

Denote : (1) WH: White, BL: Blue, GY: Gray, VI: Violet, OR: Orange, RD: Red, GN: Green, YL: Yellow, BK: Black
(2) Pair number : 025 ~ 500

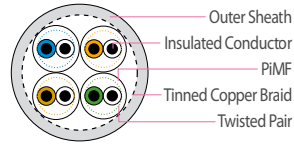
Category 7 Cable 4 Pair

description

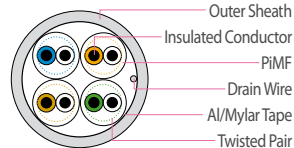
- EC verified (S/FTP LSZH)
- Capable of handling full broadband and baseband
- Low smoke zero halogen and high flame retardant grade of the cable
- Electrical performances comply with IEC 61156-5
- Alien Crosstalk and RoHS compliant

structure

Category 7 S/FTP Cable 4Pair



Category 7 F/FTP Cable 4Pair



part numbers

Description	Flame Retardant Grade			
	CMX	CM	CMR	LSZH
Category 7 S/FTP Cable 4Pair	SSP-G-C7G-E1VN-X0.5X004P/(1)	SSP-G-C7G-E1VN-M0.5X004P/(1)	SSP-G-C7G-E1VN-R0.5X004P/(1)	SSP-G-C7G-E1ZN-X0.5X004P/(1)
Category 7 F/FTP Cable 4Pair	FSP-G-C7G-E1VN-X0.5X004P/(1)	FSP-G-C7G-E1VN-M0.5X004P/(1)	FSP-G-C7G-E1VN-R0.5X004P/(1)	FSP-G-C7G-E1ZN-X0.5X004P/(1)

Denote : (1) WH : White, BL : Blue, GY : Gray, VI : Violet, OR : Orange, RD : Red, GN : Green, YL : Yellow, BK : Black

Fiber Cable

Structure	Description	Type	Part Numbers
	Loose Tube Cable	Single Jacket Central Tube	LSZH Rated CT □□ JZJA □□ ① ②
	Distribution Cable	900um tight buffered Aramid yarn strength member (Sub Unit)	LSZH Rated DT □□ KZ □□ □□ ① ② ③
	Breakout Cable		PLENUM Rated CT □□ PSJNA □□ ① ②
	Simplex and Duplex Cord	Simplex Cord Zip Cord Duplex Flat	LSZH Rated DT □□ KR □□ □□ ① ② ③
			PLENUM Rated DT □□ KP □□ □□ ① ② ③
			LSZH Rated BT □□ KZ □□ □□ ① ② ③
			RISER Rated BT □□ KR □□ □□ ① ② ③
			PLENUM Rated BT □□ KP □□ □□ ① ② ③
			SC □□ □□ 01 □□ □□ ① ② ③ ④
			DC □□ □□ 02 □□ □□ ① ② ③ ④
			DF □□ □□ 02 □□ □□ ① ② ③ ④






- ① Select Fiber Type
 SC = 9/125 μm (ITU-T G652A,B)
 SE = 9/125 μm (ITU-T G652C,D)
 HC = 62.5/125 μm Standard
 HG = 50/125 μm 1 Gbe
 MC = 50/125 μm Standard
 MG = 50/125 μm 1 Gbe
 MX = 50/125 μm 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




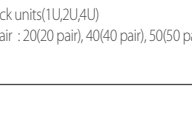

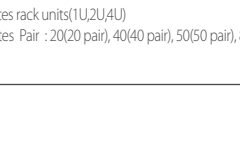
connectivity

Keystone Jack

Products	Category	Description	Part Numbers	Compatible items
	Cat.5e Cat.6	Unshielded Modular Jack 180degree	LS-MJ-UCxx-yy-RIDC	P/Panel : LS-PP-MD-24(48), LS-PP-24(48)P series FastNet™ Panel : LS-PPP series Outlet : LS-FP-SA(SF)(US) series Tool : LS-EZT-TOOL-FR, LS-STOOL, LS-TOOL-MJ
	Cat.5e Cat.6	Unshielded Modular Jack 90degree, Slim-Body	LS-MJ-UCxx-yy-SB	P/Panel : LS-PP-MD-24(48), LS-PP-24(48)P series Angled Panel : LS-APP-24(48P) series FastNet™ Panel : LS-PPP series Outlet : LS-FP-SA(SF)(US) series Surface Mount Box : LS-SMB series Tool : LS-EZT-TOOL-SB, LS-STOOL, LS-TOOL-MJ
	Cat.6 Cat.6A	Unshielded Modular Jack 180 degree, Enhanced Rear IDC	LS-MJ-UCxx-yy-ERI	P/Panel : LS-PP-MD-24(48) series Angled Panel : LS-APP-24(48P) series FastNet™ Panel : LS-PPP series Outlet : LS-FP-SA(SF)(US) series Tool : LS-STOOL, SL-TOOL-MJ
	Cat.5e Cat.6	Shielded Modular Jack 180degree	LS-MJ-SCxx-yy-RIDC	P/Panel : LS-PP-24(48) series Outlet : LS-FP-SA(SF)(US) series Tool : LS-STOOL, SL-TOOL-MJ
	Cat.6A	Shield Category6A Modular Jack 180 degree IDC	LS-MJ-SCxx-RIDC	P/Panel : LS-PP-24(48)P-E series Outlet : LS-FP-SA(SF)(US) series, Without Punching down tool

xx denotes category : 5E(Cat5E), 6(Cat6), 6A(Cat6A)
yy denotes color : WH=White, IV=Ivory, BK=Black, BL=Blue, RD=Red, GN=Green

GXC & 110 Patching Blocks

Products	Category	Description	Part Numbers	Compatible items
	Cat.6	Unshielded 110 GXC Block with leg (20,40,80P available)	LS-110WB-UC-yyP-W	In the SoHo box or consolidation box
	Cat.6	Unshielded 110 GXC Block Without leg (20,40,80P available)	LS-110WB-UC-yyP-W/O	19inch Rack bracket : LS-110BRACKET-xU series Mini Rack : LS-HWMR-xx series
	Cat.5e	Unshield 110 Wiring Block with leg (25,50,100P 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 Pair : 20(20 pair), 40(40 pair), 50(50 pair), 80(80 pair), 100(100 pair)

Patch Panel

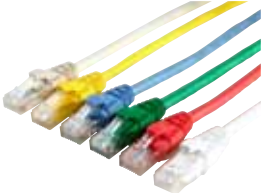
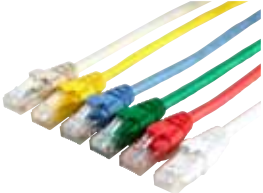
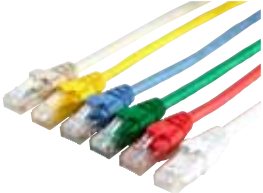
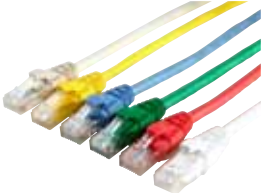
Products	Category	Description	Part Numbers	Compatible items
	Cat.5e Cat.6	Unshielded 24(48)Port IDC Punching type Patch Panel	LS-PP-UCxx-24P-(WM) LS-PP-UCxx-48P-(WM)	19inch standard Rack 1U Tool : LS TOOL - MJ
	Cat.5e Cat.6	unshielded 4-Port Modular type, Patch Panel with Wire Management	LS-PP-UCxx-24P-WM-RI-WH	19inch standard Rack 1U
	Cat.5e, Cat.6 Cat.6A	0.5U 24-Port Unshielded Patch Panel with Wire Management	LS-PP-UCxx-24PM-HF-EX	19inch standard rack 0.5U - LS-HDR series - LS-CR(OR) series
	Cat.6+ Cat.6	8 in 1 Module Patch Panel 180degree ERI	LS-PP-UCxx-24P-WM-ERI	19inch Rack mount type Tool : LS-STOOL,LS-PTOOL, LS-EZT-TOOL-ERI
	Cat.5e Cat.6	24-Port Shielded Patch Panel IDC Punching type	LS-PP-SCxx-24P	19inch standard Rack 1U Tool : LS TOOL - MJ
	Cat.6A	24-Port Shielded Patch Panel	LS-PP-SC6A-24P-WM	Tool-less type
	-	24-Port Empty Panel	LS-PP-24P-E-(WM)	MJ : LS-MJ-UCxx-yy-RIDC(ERI)(SB) series LS-MJ-SC6A-yy-RIDC series LS-MJ-UC6xx series
	-	24-Port Empty patch Panel with Wire management (3 Module)	LS-PP-MD-24P-E-(WM)	MJ : LS-MJ-UC5E(6)-yy-RIDC series LS-MJ-UC5E(6)-yy-SB series LS-MJ-UC6(6A)-yy-ERI series Bezel & adapter : LS-AI-US series
	-	Fast-Net™ patch Panel (4 Module)	LS-PPP-EA	MJ : LS-MJ-UCxx-yy-RIDC(ERI)(SB) series LS-MJ-UC5E(6)-xx-SB series LS-MJ-UC6(6A)-xx-ERI series Fiber Adapter bezel, Black Bezel : LS-AI-US series
	-	Angled Patch panel with wire management	LS-APP-24P-E-(WM) LS-APP-48P-E-(WM)	MJ : LS-MJ-UCxx-yy-ERI(SB) series LS-MJ-UC6(6A)-yy-ERI series

xx denotes category : 5E(Cat5E), 6(Cat6), 6A(Cat6A)

WM : Wire Management Bar on the Panel

yy denotes color

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-UCxx-yy-zzz	T568B Wiring
	Cat.5e, Cat.6, Cat.6A	Shielded Modular Patch Cord	LSZH	LS-PC-SCxx-yy-zzz	T568B Wiring

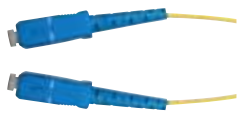

xx denotes category : 5E(Cat5E), 6(Cat6), 6A(Cat6A)

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.

※ T568A is available

Fiber Connectivity



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

A denotes Connector type B denotes Polishing C denotes Fiber type D denotes Diameter E denotes Cable type F denotes Cable Jacket G denotes Length (M) H denotes Other
 SC = SC Connector Zero = PC SM = Single mode (SM) 9 = Ø0.9 SP = Simplex Cord V = PVC 5 = 0.5m Boot Color
 FC = FC Connector UC = UPC M1 = Multi mode (OM1) 18 = Ø1.8 DP = Zip Cord Z = LSZH 10 = 1m BL/RD = Blue/Red
 ST = ST Connector AC = APC M2 = Multi mode (OM2) 20 = Ø2.0 100 = 10m YL/GY = Yellow/Gray
 LC = LC Connector M3 = Multi mode (OM3) 24 = Ø2.4 Etc..
 M4 = Multi mode (OM4) 30 = Ø3.0

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

※ a denotes Type : LC, SC, ST, FC
 b denotes Fiber type : SM, MM
 c denotes Sleeve type : P (Phosphor Bronze), 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)

※ a denotes Type : LC, SC, ST, FC
 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 : 96C SC : 48C ST, FC : 24C	LS-FDF-a-b-c-(d)-e-f
	Empty	Fiber Distribution Frame (FDF), Empty Type	LC : 48C SC : 24C	LS-FDF-EP-d-e-A
	FDP	Fiber Distribution Panel (FDP)	ST, FC : 24C	LS-FDP-a-b-c-e-fA

a denotes Adapter : LC, SC, FC, ST, EP (Empty FDF), BK (Blank FDP)
 b denotes Fiber type : SM, MM
 c denotes Sleeve type : P (Phosphor Bronze), C (Ceramic)
 d denotes Unit : 1U, 2U (If need it)
 e denotes Core : 004 (4C), 008 (8C), 012 (12C), 024 (24C), 048 (48C), 096 (96c) etc..
 f denotes Adapter Type : SP (Simplex), DP (Duplex)

Outlet



Products	Description	Part Numbers	Compatible items
	Euro Mode Faceplate Beveled and Flat type (H86/146mm)	LS-FP-EU-BF-x	M/Jack : LS-MJ-EU-UCSE-XX, LS-EU-UC6-XX Blank Bezel : LS-FP-BB-1/2, LS-FP-BB-1/4 Back Box : LS-BB-8686-37, LS-BB-8686-27, LS-BB-86147-37, LS-BB-86147-27
	Euro Mode Faceplate Blank Bezel, 1/4, 1/2 Size	LS-FP-EU-BB-x	Faceplate : LS-FP-EU-xx-x series
	2/4-Port 6C type Faceplate	LS-FP-6C-BF-x	M/Jack : LS-MJ-6C-UCSE-XX, LS-MJ-6C-UC6-XX Blank Bezel : LS-FP-6C-BB-1/2, LS-FP-6C-BB-1/4 Back Box : LS-BB-86147-37, LS-BB-86147-27
	6C Faceplate Blank Bezel, 1/4, 1/2 Size	LS-FP-6C-BB-x	Faceplate : LS-FP-6C-xx-x series
	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	
	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, LS-APP-24P series Faceplate : LS-FP-US series
	Surface Mount Box	LS-SMB-xPORT	M/Jack : LS-MJ-UC6E-WH-PLUS, LS-MJ-UC6-WH, LS-MJ-UCSE-WH

Tools

Products	Description	Part Numbers	Compatible items
	Easy Termination Tool for Modular Jack	LS-EZT-TOOL-SB (Blue) LS-EZT-TOOL-SI (Yellow) LS-EZT-TOOL-FR (Orange)	M/Jack : LS-MJ-UCxx-xx-SB series M/Jack : LS-MJ-UC6E-xx-PLUS series, LS-MJ-UC6A-xx-SI series P/P : LS-PP-UC6E-24(48)P-xx-PLUS, LS-PP-UC6A-xx-SI series M/Jack : LS-MJ-UC(SC)5E-xx-RIDC, LS-MJ-UC6-xx-RIDC series P/P : LS-PP-UC(SC)5E-24(48)P-xx-RI series, LS-PP-UC(SC)6-24(48)P-xx-RI series
	Punching Down Tool (Modular Jack)	LS-TOOL-MJ	Punching down tool 1Pin
	Cable Stripper Tool LS-STOOL	LS-STOOL	Stripper tool
	Modular Plug Crimping Tool	LS-CT-CSE-SI1 LS-CT-C6-SI1	Modular Plug : LS-MP-UCSE-RJ45 Modular Plug : LS-MP-UC6-RJ45





Simple Fast-Net

copper

Products	Category	Description	Part Numbers	Compatible items
	-	Fast-Net empty panel	LS-PPP-EA	19inch standard Rack 1U
	UTP Cat.5e UTP Cat.6 UTP Cat.6A	Fast-Net Patch Cord & Equipment Cord	LS-PC6-UCzwww-JPxx-yyy(Jack to Plug) LS-PC6-UCzwww-JJxx-yyy(Jack to Jack)	LS-MJ-UC5E(6)-xx-SB series LS-MJ-UC5E(6)(6A)-xx-ERI series LS-MJ-UC6A-xx-SI series etc.

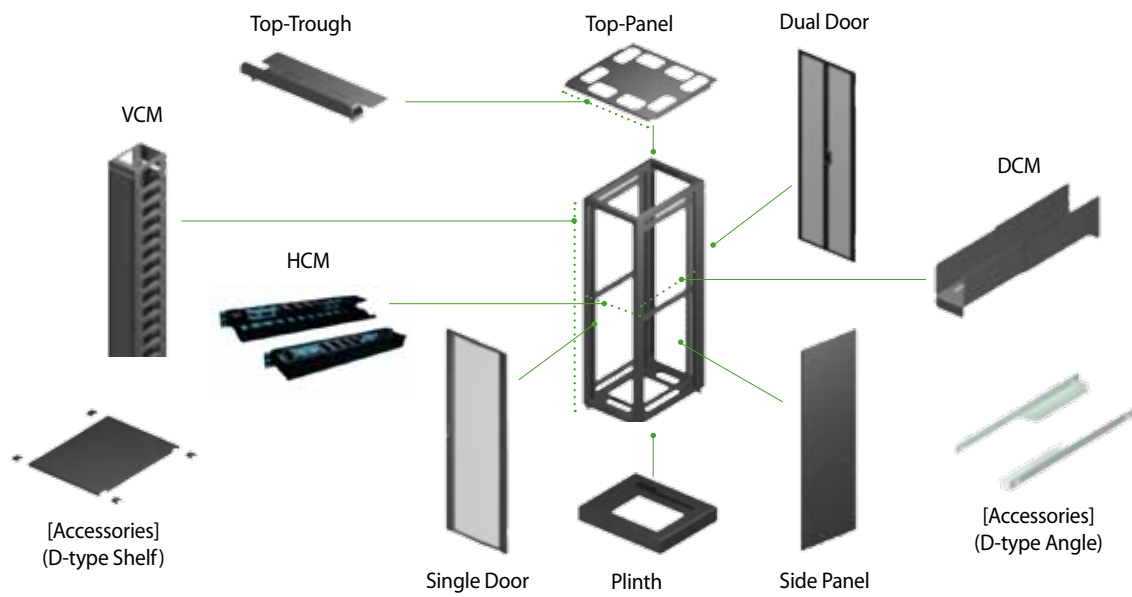
z denotes Category(5E,6,6A)
w denotes cable sheath(M,CM, L,LSZH) & Color(BL:Blue, GY: Gray)
xx denotes jack color : BL=Blue
yyy denotes lengths : 005(0.5m), 010(1m), 050(5m), etc

fiber

Products	Description	Part Numbers	Compatible items
	MPO Modular Panel 4-module Drawer type	LS-MPM-DM3-EP4-D	MPO Cassette : LS-MPM-DM1-XX-XX-XXX-DP
	MPO Cassette 4-Module 12 Core LC type	LS-MPM-DM1-LC-a-012-DP	FDF : LS-MPM-DM3-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...
* Basically Connector type is Female (MOF), Male type is available with customer needs (MOM).

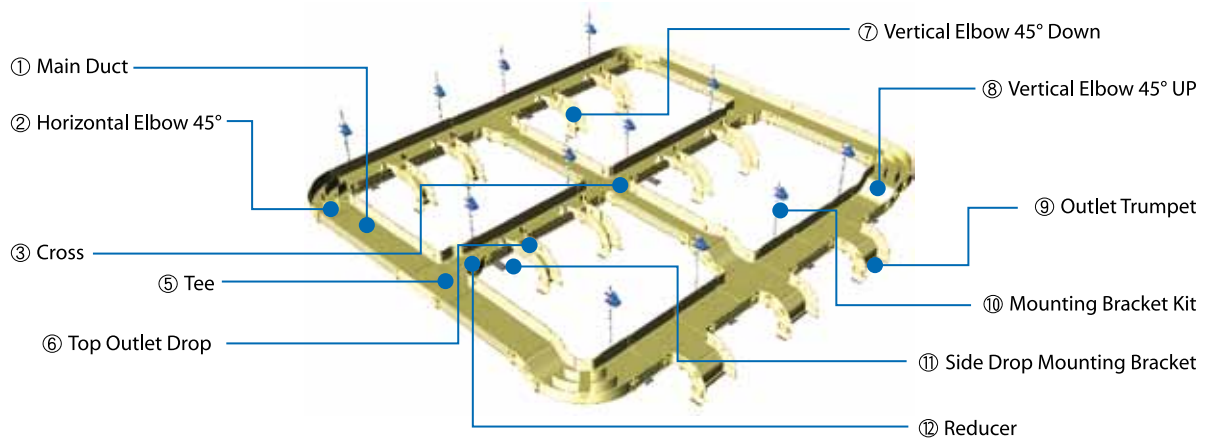
Rack Solution



Step	Parts	Products (Select)	Checking Point	Pare Numbers
1	Rack Frame	VF Frame	To collect Rack Frame according to use	LS-HDR-VF x - y
		2Post Frame		LS-HDR-PF x - y
2	Rack Base	Castor with level foot	To follow 'W x D' of Rack Frame	LS-HDR-RB-CF2
		Plinth		LS-HDR-RB-PL x - y
3	Side Panel	Side Panel	To follow 'H x D' of Rack Frame	LS-HDR-SP x - y
4	Top Panel	Entry Panel	To follow 'W x D' of Rack Frame	LS-HDR-TPP- y
		Fan Panel		LS-HDR-TPF2/4
5	Rack Door	Single Door	To follow 'H x W' of Rack Frame	LS-HDR-RD-SP x - y
		Dual Door		LS-HDR-RD-DP x - y
6	VCM	VCM(Vertical Cable Management)	To follow 'H' and Position of Rack	LS-HDR-VCM x - y
		HCM(Horizontal Cable Management)		Finger type (Organizer, D-ring, ...)
7	Accessories	DCM (Depth Cable Management)	Flexible Size	LS-HDR-DCM
		Shelf & Guide Angle	Various type of Accessories	LS-HDR-ACC- x

x, y denotes dimension of parts

Simple Paths™ Solution



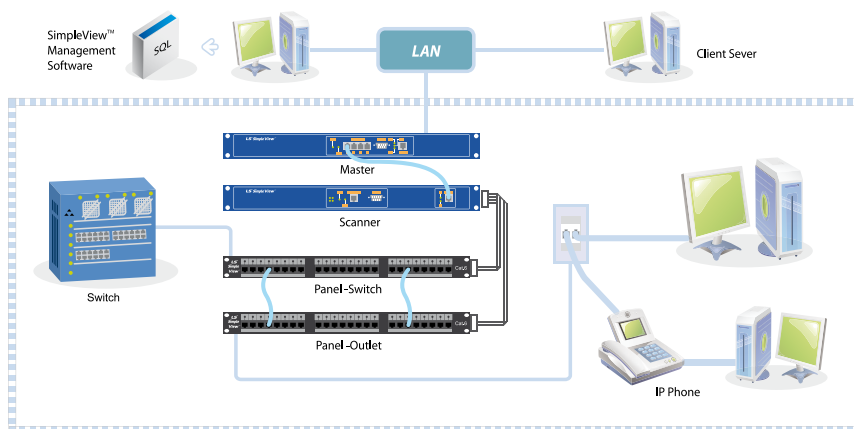
Products			Description	Part Numbers	Compatible items
①	②	③	1. Main duct	LS-DS-MD-XX-YY	
			2. Horizontal Elbow 45degree	LS-DS-HA-XX-YY	
			3. Cross	LS-DS-CA-XX-YY	
④	⑤	⑥	4. Joiners	LS-DS-JI-XX-YY	300mm X 100mm 220mm X 100mm 160mm X 100mm 100mm X 100mm 50mm X 50mm
			5. Tee	LS-DS-TA-XX-YY	
			6. Top Outlet Drop	LS-DS-HT(VT)-10	
⑦	⑧	⑨	7. Vertical Elbow 45degree Down	LS-DS-DA-XX-YY	
			8. Vertical Elbow 45degree Up	LS-DS-UA-XX-YY	
			9. Outlet Trumpet	LS-DS-TP-XX-YY	
⑩	⑪	⑫	10. Mounting Bracket Kit	LS-DS-MB-XX-YY	
			11. Side Drop Mounting Bracket	LS-DS-SMB-XX-YY	100mm X 100mm 50mm X 100mm
			12. Reducers	LS-DS-RD-XX-YY	Step down

XX Denotes Size of Width : 05(50mm), 10(100mm), 16(160mm), 22(220mm), 30(300mm)
 YY Denotes Color : YL(Yellow/Fiber), GY(Grey/Copper)
 Standard length (Main duct) : 2m
 Reducers Part Number at XX (W) : 30 (300mm -> 220mm), 22 (220mm -> 160mm), 16 (160mm -> 100mm), 10 (100mm -> 50mm)

Intelligent Infrastructure Management (IIM)

description

LS Simple™ Intelligent Infrastructure Management System drastically speeds up and simplifies site planning and daily network provisioning, maintenance and security. It also provides comprehensive visibility into datacenter and work space facilities, keeping an accurate inventory of all assets - whether located across a campus or an ocean.



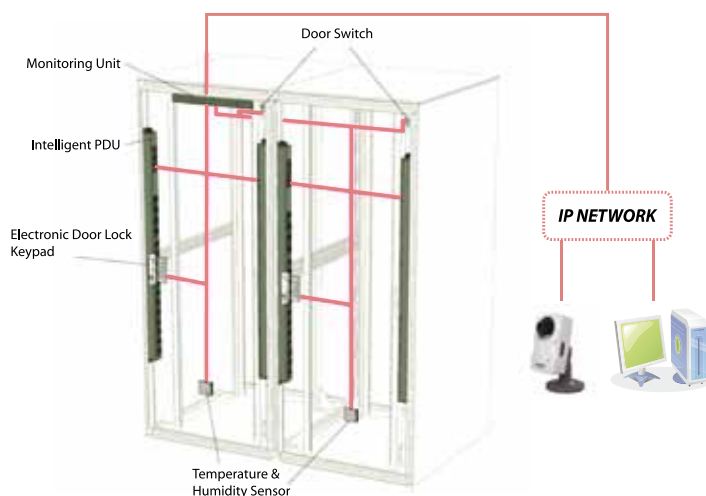
Item	Part Numbers	Description
Master	LS-SV-M-4P	Simple VIEW Master
Local Scanner	LS-SV-S-L	Simple VIEW Local Scanner
Scanner	LS-SV-S	Simple VIEW Scanner
Mini Scanner	LS-SV-S-M	Simple VIEW Mini Scanner
Expander	LS-SV-E	Simple VIEW Expander
Master Expander	LS-SV-ME	Simple VIEW Master Expander
Security Controller	LS-SV-SC	Simple VIEW Security Controller
Indicator Controller	LS-SV-IC	Simple VIEW Indicator Controller
Intelligent Patch Panel	LS-IPP-UC6-24	Simple VIEW 24-Port Cat.6 Patch Panel
	LS-IPP-UC6-48	Simple VIEW 2U 48-Port Cat.6 Patch Panel
	LS-IPP-UC6-48-1U	Simple VIEW 48-Port Cat.6 Patch Panel
	LS-IPP-UC6-48-W/S	Simple VIEW 48-Port Cat.6 Patch Panel with Switch
	LS-IPP-UC6DC-24	Simple VIEW 24-Port Cat.6 Coupler Panel
F/O Intelligent Patch Panel	LS-IPP-UC6DC-48-W/S	Simple VIEW 48-Port Cat.6 Coupler Panel with Switch
	LS-IFPP-LC-MM1-48	Simple VIEW 48-Port Fiber Panel LC OM1
	LS-IFPP-LC-MM3-48	Simple VIEW 48-Port Fiber Panel LC OM3
	LS-IFPP-LC-SM-48	Simple VIEW 48-Port Fiber Panel LC SM
	LS-IFPP-LC/MPO-SM-48	Simple VIEW 48-Port Fiber Panel LC/MPO SM
Fiber Patch Cord LC Type	LS-IFPP-LC/MPO-MM3-48	Simple VIEW 48-Port Fiber Panel LC/MPO OM3
	LS-IPC-UC6-xxx	Simple VIEW Cat.6 UTP Patch Cord
	LS-IPC-UC6L-xxx	Simple VIEW Cat.6 UTP Patch Cord LSZH
Flat Attachment Cord	LS-IFPC-LC-MM1L-xxx	Simple VIEW F/O Jumper Cord LC OM1 LSZH
	LS-IFPC-LC-MM3L-xxx	Simple VIEW F/O Jumper Cord LC OM3 LSZH
	LS-IFPC-LC-SML-xxx	Simple VIEW F/O Jumper Cord LC SM LSZH
Rounded Attachment Cord	LS-IFPC-LC/MPO-MM3-010	Simple VIEW F/O Jumper Cord LC/MPO OM3 1m
	LS-SV-AC-F-015	Simple VIEW Flat Attachment Cord 1.5m
	LS-SV-AC-R-015	Simple VIEW Rounded Attachment Cord 1.5m
Control PAD	LS-SV-AC-R-025	Simple VIEW Rounded Attachment Cord 2.5m
	LS-SV-AC-R-060	Simple VIEW Rounded Attachment Cord 6m
	LS-SV-CP	Simple VIEW Control PAD
Software	LS-CMS-yyyyy	Simple VIEW Software

xxx Denotes lengths : 005(0.5m), 010(1m), 050(5m), etc
 yyyy Denotes node: 01000, 02000, 03000, 05000, 06000, 07000, 10000, 20000, 30000

Intelligent Power Management (IPM)

description

- Monitor, measure and control power within Equipment Racks and Data Center
- Monitor and manage environmental factors such as humidity and temperature
- Monitor and control Rack access
- Measure and report environmental trends
- Set and monitor alarms



Item	Part Numbers	Description
IPM Monitoring Unit	LS-IPM-PV-02-UK	Intelligent Power View 2 (UK)
	LS-IPM-PV-02	Intelligent Power View 2
	LS-IPM-PV-03-UK	Intelligent Power View 3 (UK)
	LS-IPM-PV-03	Intelligent Power View 3
	LS-IPM-PV-03E-UK	Intelligent Power View 3 Expansion (UK)
	LS-IPM-PV-03E	Intelligent Power View 3 Expansion
	LS-IPM-PV-01-UK	Intelligent Power View 1 (UK)
IPM Sensors	LS-IPM-PV-01	Intelligent Power View 1
	LS-IPM-SU-TM	Temperature Sensor
	LS-IPM-SU-TMC	Temperature Sensor with Cable
	LS-IPM-SU-HD	Humidity Sensor
	LS-IPM-SU-SD	Smoke Detection Alarm
	LS-IPM-SU-DS	Microswitch Door Sensor
	LS-IPM-SU-SK	Shock Sensor
	LS-IPM-SU-PI	PIR Sensor
	LS-IPM-SU-WR	Rope-type Water Sensor
	LS-IPM-SU-WC	Contact-type Water Sensor
	LS-IPM-SU-DM	Magnetic Door Sensor
	LS-IPM-SU-KM	Keypad Metal kit
	LS-IPM-SU-B1	Flashing Xenon Beacon
	LS-IPM-SU-B2	Colored, Sounder Flashing Beacon
	LS-IPM-SU-AF	Air Flow Sensor
	LS-IPM-SU-HR	HID Reader Kit
	LS-IPM-SU-DP	Display Module with Selector Switches
	LS-IPM-SU-DK	Display Module Kit (LCD module, Housing & Cable)
	LS-IPM-SU-CH	Copper B-line Cabinet Handle Kit
	LS-IPM-SU-KH	Knuerr Cabinet Handle
LS-IPM-SU-C2	2m Patch Cable	
LS-IPM-SU-C4	4m Patch Cable	
IPM Intelligent Power Strip	LS-IPM-PS-SPV	Simple Power View
	LS-IPM-PS-SPV-K	Simple Power View Kit
	LS-IPM-PS-C1	Power strip cable i-PV 1 to socket strip (2m)
	LS-IPM-PS-C2	Power strip cable i-PV 2 (2m)
	LS-IPM-PS-CR	Cable rework charge

Software is necessary to operate IPM solution.
Software and Intelligent power strip can be customized by requirement.

Global Network

