Simple™
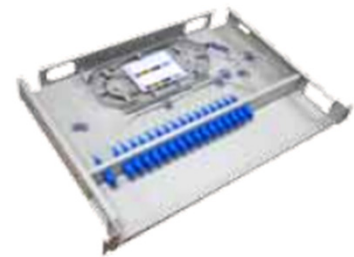
DS CODE:
700104

LS Simple™ Fiber Cabling Solution

Assembled type FDF (Outer & Inner)

LS-FDF-LC-SM-048-DP
(Outer type)

LS-FDF-SC-SM-024-SP
(Outer type)

LS-FDF-SC-SM-016-SP-I
(Inner type)

Description

▪ LS Simple™ Fiber Distribution Frames(FDFs) come complete with splicing tray, accessories
  and full installation instructions.

▪ It is designed and manufactured to fully meet the below international standards.

- ANSI/TIA-568-C.1	Commercial Building Telecommunications Cabling Standard: Part 1, General Requirements
- ANSI/TIA-568-C.3	Optical Fiber Cabling Components standard
- ANSI/TIA/EIA-604	Fiber Optic Connector Intermateability Standard (FOCIS): FOCIS 2 (ST type), FOCIS 3 (SC type), FOCIS 10 (LC type)
- IEC 61754	Fiber optic connector interfaces
- IEC 61300	Fiber optic interconnecting devices and passive components - Basic test and measurement procedures

▪ It fully complies with the requirements set out in TIA 19" rack type.

▪ Basically there are 2 types of FDFs as Outer, Inner for user's needs.

  - Outer type FDFs have benefits with space utilization and loading weight on patching racks.

  - Inner type FDFs have advantages for cable management and protection against interference in front cabling spaces.

Application

▪ Telecommunication network

▪ Data center systems

▪ LAN and WAN
  (IEEE 802.3ba, 100BASE-FX, 10GBASE-LX4,
  10GBASE-ER/EW, 40GBASE-LR4, 100GBASE-ER4 etc.)

Capacity

LC Duplex	SC Simplex	SC Duplex	ST Simplex
48C	24C	48C	24C

* Based on 1U FDF

Specifications

▪ Capacity up to LC 48-core in 1 rack unit

▪ Connector loss ≤ 0.5dB
  (c.f. ANSI/TIA-568-C.3 standard : ≤ 0.75dB)

▪ Fiber tray basically included

▪ Material : Steel (SCP-1 1.2T / 1.0T (inner type))

▪ 19" rack mountable 1U or 2U, 4U

LS Cable & System

The drawing appearing on this page is not a warranty,
and may be subject to change or modification without any prior notice.

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LS Simple™ Fiber Cabling Solution

Assembled type FDF (Outer & Inner)

Part Number (Outer)

Type	Part Number	Description
Outer FDF LC type MM with splicing tray	LS-FDF-LC-MM-C-004-DP	FDF, 4-core MM LC Duplex (Ceramic Sleeve type)
	LS-FDF-LC-MM-C-008-DP	FDF, 8-core MM LC Duplex (Ceramic Sleeve type)
	LS-FDF-LC-MM-C-012-DP	FDF, 12-core MM LC Duplex (Ceramic Sleeve type)
	LS-FDF-LC-MM-C-016-DP	FDF, 16-core MM LC Duplex (Ceramic Sleeve type)
	LS-FDF-LC-MM-C-024-DP	FDF, 24-core MM LC Duplex (Ceramic Sleeve type)
	LS-FDF-LC-MM-C-048-DP	FDF, 48-core MM LC Duplex (Ceramic Sleeve type)
Outer FDF LC type SM with splicing tray	LS-FDF-LC-SM-004-DP	FDF, 4-core SM LC Duplex (Ceramic Sleeve type)
	LS-FDF-LC-SM-008-DP	FDF, 8-core SM LC Duplex (Ceramic Sleeve type)
	LS-FDF-LC-SM-012-DP	FDF, 12-core SM LC Duplex (Ceramic Sleeve type)
	LS-FDF-LC-SM-016-DP	FDF, 16-core SM LC Duplex (Ceramic Sleeve type)
	LS-FDF-LC-SM-024-DP	FDF, 24-core SM LC Duplex (Ceramic Sleeve type)
	LS-FDF-LC-SM-048-DP	FDF, 48-core SM LC Duplex (Ceramic Sleeve type)
Outer FDF SC type MM with splicing tray	LS-FDF-SC-MM-C-004-DP	FDF, 4-core MM SC Duplex (Ceramic Sleeve type)
	LS-FDF-SC-MM-C-008-DP	FDF, 8-core MM SC Duplex (Ceramic Sleeve type)
	LS-FDF-SC-MM-C-012-DP	FDF, 12-core MM SC Duplex (Ceramic Sleeve type)
	LS-FDF-SC-MM-C-016-DP	FDF, 16-core MM SC Duplex (Ceramic Sleeve type)
	LS-FDF-SC-MM-C-024-DP	FDF, 24-core MM SC Duplex (Ceramic Sleeve type)
	LS-FDF-SC-MM-C-048-DP	FDF, 48-core MM SC Duplex (Ceramic Sleeve type)
Outer FDF SC type SM with splicing tray	LS-FDF-SC-SM-004-SP	FDF, 4-core SM SC Simplex (Ceramic Sleeve type)
	LS-FDF-SC-SM-008-SP	FDF, 8-core SM SC Simplex (Ceramic Sleeve type)
	LS-FDF-SC-SM-012-SP	FDF, 12-core SM SC Simplex (Ceramic Sleeve type)
	LS-FDF-SC-SM-016-SP	FDF, 16-core SM SC Simplex (Ceramic Sleeve type)
	LS-FDF-SC-SM-024-SP	FDF, 24-core SM SC Simplex (Ceramic Sleeve type)
	LS-FDF-SC-SM-012-DP	FDF, 12-core SM SC Duplex (Ceramic Sleeve type)
	LS-FDF-SC-SM-024-DP	FDF, 24-core SM SC Duplex (Ceramic Sleeve type)
	LS-FDF-SC-SM-048-DP	FDF, 48-core SM SC Duplex (Ceramic Sleeve type)
	LS-FDF-SC-SM-2U-096-DP	FDF, 2U 96-core SM SC Duplex (Ceramic Sleeve type)
	LS-FDF-SC-SM-4U-096-SP	FDF, 4U 96-core SM SC Simplex (Ceramic Sleeve type)
Outer FDF ST type with splicing tray	LS-FDF-ST-MM-024-SP	FDF, 24-core MM ST Simplex (Ceramic Sleeve type)
	LS-FDP-ST-SM-024-SP	FDF, 24-core SM ST Simplex (Ceramic Sleeve type)

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LS Simple™ Fiber Cabling Solution

Assembled type FDF (Outer & Inner)

Part Number (Inner)

Type	Part Number	Description
Inner FDF LC MM with splicing tray	LS-FDF-LC-MM-C-004-DP-I	FDF, 4-core MM LC Duplex (Ceramic Sleeve type) Inner
	LS-FDF-LC-MM-C-008-DP-I	FDF, 8-core MM LC Duplex (Ceramic Sleeve type) Inner
	LS-FDF-LC-MM-C-012-DP-I	FDF, 12-core MM LC Duplex (Ceramic Sleeve type) Inner
	LS-FDF-LC-MM-C-016-DP-I	FDF, 16-core MM LC Duplex (Ceramic Sleeve type) Inner
	LS-FDF-LC-MM-C-024-DP-I	FDF, 24-core MM LC Duplex (Ceramic Sleeve type) Inner
	LS-FDF-LC-MM-C-048-DP-I	FDF, 48-core MM LC Duplex (Ceramic Sleeve type) Inner
Inner FDF LC SM with splicing tray	LS-FDF-LC-SM-004-DP-I	FDF, 4-core SM LC Duplex (Ceramic Sleeve type) Inner
	LS-FDF-LC-SM-008-DP-I	FDF, 8-core SM LC Duplex (Ceramic Sleeve type) Inner
	LS-FDF-LC-SM-012-DP-I	FDF, 12-core SM LC Duplex (Ceramic Sleeve type) Inner
	LS-FDF-LC-SM-016-DP-I	FDF, 16-core SM LC Duplex (Ceramic Sleeve type) Inner
	LS-FDF-LC-SM-024-DP-I	FDF, 24-core SM LC Duplex (Ceramic Sleeve type) Inner
	LS-FDF-LC-SM-048-DP-I	FDF, 48-core SM LC Duplex (Ceramic Sleeve type) Inner
Inner FDF SC MM with splicing tray	LS-FDF-SC-MM-C-004-DP-I	FDF, 4-core MM SC Duplex (Ceramic Sleeve type) Inner
	LS-FDF-SC-MM-C-008-DP-I	FDF, 8-core MM SC Duplex (Ceramic Sleeve type) Inner
	LS-FDF-SC-MM-C-012-DP-I	FDF, 12-core MM SC Duplex (Ceramic Sleeve type) Inner
	LS-FDF-SC-MM-C-016-DP-I	FDF, 16-core MM SC Duplex (Ceramic Sleeve type) Inner
	LS-FDF-SC-MM-C-024-DP-I	FDF, 24-core MM SC Duplex (Ceramic Sleeve type) Inner
Inner FDF SC SM with splicing tray	LS-FDF-SC-SM-004-SP-I	FDF, 4-core SM SC Simplex (Ceramic Sleeve type) Inner
	LS-FDF-SC-SM-008-SP-I	FDF, 8-core SM SC Simplex (Ceramic Sleeve type) Inner
	LS-FDF-SC-SM-012-SP-I	FDF, 12-core SM SC Simplex (Ceramic Sleeve type) Inner
	LS-FDF-SC-SM-016-SP-I	FDF, 16-core SM SC Simplex (Ceramic Sleeve type) Inner
	LS-FDF-SC-SM-024-SP-I	FDF, 24-core SM SC Simplex (Ceramic Sleeve type) Inner
	LS-FDF-SC-SM-2U-048-SP-I	FDF, 2U 48-core SM SC Simplex (Ceramic Sleeve type) Inner
Inner FDF ST type with splicing tray	LS-FDF-ST-SM-C-024-SP-I	FDF, 24-core SM ST Simplex (Ceramic Sleeve type) Inner
	LS-FDF-ST-MM-C-024-SP-I	FDF, 24-core MM ST Simplex (Ceramic Sleeve type) Inner