

LX5 高密度配线架1U

创新的1U、19英寸机架安装式配线架，专为高密度数据通信应用而设计。它使用 MTP®/MPO盒式模块，每个盒式模块有24根光纤，并与各种替代适配器模块选项完全兼容。

该配线架采用优质冷轧钢板制成，表面静电粉末喷涂。它采用滑轨式结构，1U高度，适合19英寸机架安装应用。最多可支持4个MTP®/MPO MLX5盒式模块，最大支持96根光纤连接和分配。配线架正面有导线环，背面配有光缆固定套件，前后都有金属面板可以打开。

与LX5配线架兼容的MLX5 LGX MTP®/MPO盒式模块专为MTP®/MPO和标准LC连接器之间的转换而设计，具有小尺寸结构特点。LX5 1U配线架最多可容纳4个MLX5盒式模块。模块正面配有12个低损耗LC双工适配器，背面配有2个MTP®/MPO连接器，中间包含工厂端接和测试的MTP®/MPO到LC的分纤跳线。

特性

- 1U高度
- 19"机架式安装
- 最多安装4组MLX5盒式模块，最高管理96根光纤
- 多种适配器模块选项（MTP®/MPO、适配器等）
- 可配置24芯光纤熔接盘
- 金属结构，喷粉涂层保护，满足48小时盐雾测试要求
- 安装吊架位置前后可调
- 优化布局设计，采用滑轨结构，操作便捷，光纤管理牢固可靠

应用领域

- 数据中心
- 高密度数据通信应用
- 通信网络
- 企业网络

产品规格

配线架规格

要素说明	数据
深度(mm) A	353mm
宽度(mm) B	442mm
高度(mm) C	43.5mm
机架单元	1U
容量	4 x Adaptor or MLX5 MTP®/MPO Cassette Modules

MTP® 连接器性能指标

连接器 (对接)	IL 典型	IL 最大	回波损耗
MTP® Elite (MM)	0.10dB	0.35dB	N/A
MTP® (MM)	0.20dB	0.60dB	N/A
MTP® Elite (SM)	0.10dB	0.35dB	>60dB
MTP® (SM)	0.25dB	0.75dB	>60dB

执行标准

- TIA/EIA-568-C.3 and ISO/IEC 11801 - cable
- IEC-61754-7 & EIA/TIA-604-5 - MTP®
- Compliant to Directive 2002/95/EC (RoHS) and REACH SvHC
- IEC-61754-20 (LC) & IEC-61754-14 (SC)
- IEC-60793

订购信息

订购信息	产品编码
Optronics LX5 High Density 1U Patch Panel Unloaded	OPPLX5-XX-XX-UL
24F Splicing kit, with 24F splicer tray	OFMST24-LX5
Blank Adaptor Module	OPLXBL-2
Empty Adaptor Module For 12 x SC Simplex/LC Duplex UPC Adaptors Singlemode Blue	OPLX2-XX-9X-UL
Empty Adaptor Module For 12 x SC Simplex/LC Duplex APC Adaptors Singlemode Green	OPLX2-XX-9X-UL-1
Empty Adaptor Module For 12 x SC Simplex/LC Duplex Adaptors OM3 Aqua	OPLX2-XX-3X-UL
Empty Adaptor Module For 12 x SC Simplex/LC Duplex Adaptors OM4 Erika Violet	OPLX2-XX-4X-UL
Empty Adaptor Module For 6 x MTP®/MPO Male or MTP®/MPO Male Elite Adaptors Singlemode	OPLX0-XX-9X-UL-6
Empty Adaptor Module For 6 MTP®/MPO Male or MTP®/MPO Male Elite Adaptors OM3	OPLX0-XX-3X-UL-6
Empty Adaptor Module For 6 x MTP®/MPO Male or MTP®/MPO Male Elite Adaptors OM4	OPLX0-XX-4X-UL-6
Empty Adaptor Module For 4 x MTP®/MPO Male or MTP®/MPO Male Elite Adaptors Singlemode	OPLX0-XX-9X-UL-4
Empty Adaptor Module For 4 MTP®/MPO Male or MTP®/MPO Male Elite Adaptors OM3	OPLX0-XX-3X-UL-4
Empty Adaptor Module For 4 x MTP®/MPO Male or MTP®/MPO Male Elite Adaptors OM4	OPLX0-XX-4X-UL-4

Note:

For 48F Splicing kit, with 48F splicer tray, 50 protector, 4 PG Nuts: 2 splice trays OFMST24-LX5 stack together with 50 protector, 4 PG Nuts

For 72F Splicing kit, with 72F splicer tray, 75 protector, 4 PG Nuts: 3 splice trays OFMST24-LX5 stack together with 75 protector, 4 PG Nuts

For 96F Splicing kit, with 96F splicer tray, 100 protector, 4 PG Nuts: 4 splice trays OFMST24-LX5 stack together with 100 protector, 4 PG Nuts

LC适配器面板

订购信息	产品编码
Adaptor Module with 12 x LC Duplex Multimode Beige Adaptors	OPLX2-00-22-12
Adaptor Module with 12 x LC Duplex Multimode OM3 Aqua Adaptors	OPLX2-00-32-12
Adaptor Module with 12 x LC Duplex Multimode OM4 Erika Violet Adaptors	OPLX2-00-42-12
Adaptor Module with 12 x LC Duplex Singlemode Blue Adaptors	OPLX2-00-92-12
Adaptor Module with 12 x LC Duplex Singlemode APC Green Adaptors	OPLX2-01-92-12
Adaptor Module with 6 x LC Duplex Multimode Beige Adaptors	OPLX2-00-22-06
Adaptor Module with 6 x LC Duplex Multimode OM3 Aqua Adaptors	OPLX2-00-32-06
Adaptor Module with 6 x LC Duplex Multimode OM4 Erika Violet Adaptors	OPLX2-00-42-06
Adaptor Module with 6 x LC Duplex Singlemode Blue Adaptors	OPLX2-00-92-06
Adaptor Module with 6 x LC Duplex Singlemode APC Green Adaptors	OPLX2-01-92-06

SC适配器面板

订购信息	产品编码
Adaptor Module with 12 x SC Simplex Multimode Beige Adaptors	OPLX2-02-21-12
Adaptor Module with 12 x SC Simplex Multimode OM3 Aqua Adaptors	OPLX2-02-31-12
Adaptor Module with 12 x SC Simplex Multimode OM4 Erika Violet Adaptors	OPLX2-02-41-12
Adaptor Module with 12 x SC Simplex Singlemode Blue Adaptors	OPLX2-02-91-12
Adaptor Module with 12 x SC Simplex Singlemode APC Green Adaptors	OPLX2-03-91-12

MTP®/MPO 适配器面板

订购信息	产品编码
Adaptor Module with 6 x MTP® Male Adaptors Singlemode	OPLX0-20-91-06
Adaptor Module with 6 x MTP® Male Elite Adaptors Singlemode	OPLX0-24-91-06
Adaptor Module with 6 x MTP® Male Adaptors OM3	OPLX0-20-31-06
Adaptor Module with 6 x MTP® Male Elite Adaptors OM3	OPLX0-24-31-06
Adaptor Module with 6 x MTP® Male Adaptors OM4	OPLX0-20-41-06
Adaptor Module with 6 x MTP® Male Elite Adaptors OM4	OPLX0-24-41-06
Adaptor Module with 6 x MPO Male Adaptors Singlemode	OPLX0-21-91-06
Adaptor Module with 6 x MPO Male Elite Adaptors Singlemode	OPLX0-25-91-06
Adaptor Module with 6 x MPO Male Adaptors OM3	OPLX0-21-31-06
Adaptor Module with 6 x MPO Male Elite Adaptors OM3	OPLX0-25-31-06
Adaptor Module with 6 x MPO Male Adaptors OM4	OPLX0-21-41-06
Adaptor Module with 6 x MPO Male Elite Adaptors OM4	OPLX0-25-41-06
Adaptor Module with 4 x MTP® Male Adaptors Singlemode	OPLX0-20-91-04
Adaptor Module with 4 x MTP® Male Elite Adaptors Singlemode	OPLX0-24-91-04
Adaptor Module with 4 x MTP® Male Adaptors OM3	OPLX0-20-31-04
Adaptor Module with 4 x MTP® Male Elite Adaptors OM3	OPLX0-24-31-04
Adaptor Module with 4 x MTP® Male Adaptors OM4	OPLX0-20-41-04
Adaptor Module with 4 x MTP® Male Elite Adaptors OM4	OPLX0-24-41-04
Adaptor Module with 4 x MPO Male Adaptors Singlemode	OPLX0-21-91-04
Adaptor Module with 4 x MPO Male Elite Adaptors Singlemode	OPLX0-25-91-04
Adaptor Module with 4 x MPO Male Adaptors OM3	OPLX0-21-31-04

Adaptor Module with 4 x MPO Male Elite Adaptors OM3	OPLX0-25-31-04
Adaptor Module with 4 x MPO Male Adaptors OM4	OPLX0-21-41-04
Adaptor Module with 4 x MPO Male Elite Adaptors OM4	OPLX0-25-41-04

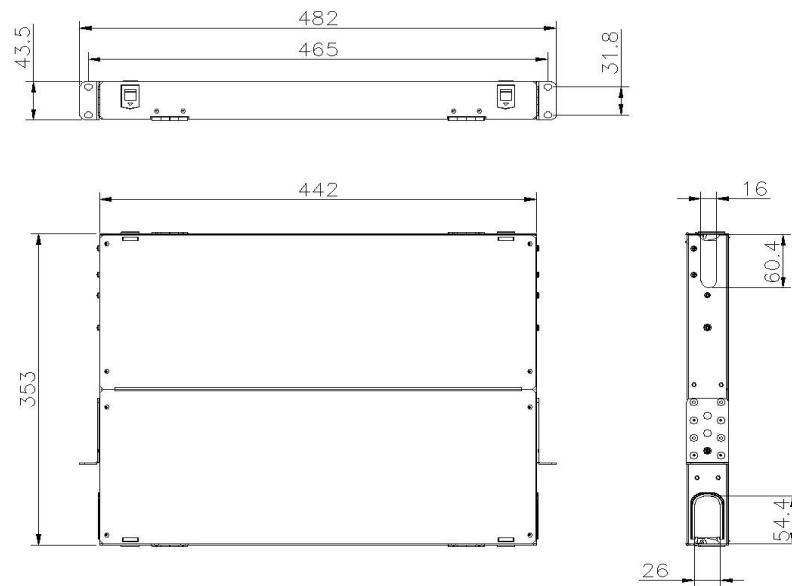
MLX5 MTP®/MPO盒式模块

订购信息	产品编码
Optronics LC to MTP® Male MLX5 Adaptor Cassette Module with 12 LC Duplex OM3 Aqua Adaptors Polarity A	OMLX5-20003212-A
Optronics LC to MTP® Male Elite MLX5 Adaptor Cassette Module with 12 LC Duplex OM3 Aqua Adaptors Polarity A	OMLX5-24003212-A
Optronics LC to MTP® Male MLX5 Adaptor Cassette Module with 12 LC Duplex OM4 Erika Violet Adaptors Polarity A	OMLX5-20004212-A
Optronics LC to MTP® Male Elite MLX5 Adaptor Cassette Module with 12 LC Duplex OM4 Erika Violet Adaptors Polarity A	OMLX5-24004212-A
Optronics LC to MTP® Male MLX5 Adaptor Cassette Module with 12 LC Duplex SM Blue Adaptors Polarity A	OMLX5-20009212-A
Optronics LC to MTP® Male Elite MLX5 Adaptor Cassette Module with 12 LC Duplex SM Blue Adaptors Polarity A	OMLX5-24009212-A
Optronics LC to MTP® Male MLX5 Adaptor Cassette Module with 12 LC Duplex SM APC Green Adaptors Polarity A	OMLX5-20019212-A
Optronics LC to MTP® Male Elite MLX5 Adaptor Cassette Module with 12 LC Duplex SM APC Green Adaptors Polarity A	OMLX5-24019212-A
Optronics LC to MTP® Male MLX5 Adaptor Cassette Module with 6 LC Duplex OM3 Aqua Adaptors Polarity A	OMLX5-20003206-A
Optronics LC to MTP® Male Elite MLX5 Adaptor Cassette Module with 6 LC Duplex OM3 Aqua Adaptors Polarity A	OMLX5-24003206-A
Optronics LC to MTP® Male MLX5 Adaptor Cassette Module with 6 LC Duplex OM4 Erika Violet Adaptors Polarity A	OMLX5-20004206-A
Optronics LC to MTP® Male Elite MLX5 Adaptor Cassette Module with 6 LC Duplex OM4 Erika Violet Adaptors Polarity A	OMLX5-24004206-A
Optronics LC to MTP® Male MLX5 Adaptor Cassette Module with 6 LC Duplex SM Blue Adaptors Polarity A	OMLX5-20009206-A
Optronics LC to MTP® Male Elite MLX5 Adaptor Cassette Module with 6 LC Duplex SM Blue Adaptors Polarity A	OMLX5-24009206-A
Optronics LC to MTP® Male MLX5 Adaptor Cassette Module with 6 LC Duplex SM APC Green Adaptors Polarity A	OMLX5-20019206-A
Optronics LC to MTP® Male Elite MLX5 Adaptor Cassette Module with 6 LC Duplex SM APC Green Adaptors Polarity A	OMLX5-24019206-A
Optronics LC to MPO Male MLX5 Adaptor Cassette Module with 12 LC Duplex OM3 Aqua Adaptors Polarity A	OMLX5-21003212-A
Optronics LC to MPO Male Elite MLX5 Adaptor Cassette Module with 12 LC Duplex OM3 Aqua Adaptors Polarity A	OMLX5-25003212-A
Optronics LC to MPO Male MLX5 Adaptor Cassette Module with 12 LC Duplex OM4 Erika Violet Adaptors Polarity A	OMLX5-21004212-A
Optronics LC to MPO Male Elite MLX5 Adaptor Cassette Module with 12 LC Duplex OM4 Erika Violet Adaptors Polarity A	OMLX5-25004212-A
Optronics LC to MPO Male MLX5 Adaptor Cassette Module with 12 LC Duplex SM Blue Adaptors Polarity A	OMLX5-21009212-A
Optronics LC to MPO Male Elite MLX5 Adaptor Cassette Module with 12 LC Duplex SM Blue Adaptors Polarity A	OMLX5-25009212-A
Optronics LC to MPO Male MLX5 Adaptor Cassette Module with 12 LC Duplex SM APC Green Adaptors Polarity A	OMLX5-21019212-A
Optronics LC to MPO Male Elite MLX5 Adaptor Cassette Module with 12 LC Duplex SM APC Green Adaptors Polarity A	OMLX5-25019212-A
Optronics LC to MPO Male MLX5 Adaptor Cassette Module with 6 LC Duplex OM3 Aqua Adaptors Polarity A	OMLX5-21003206-A

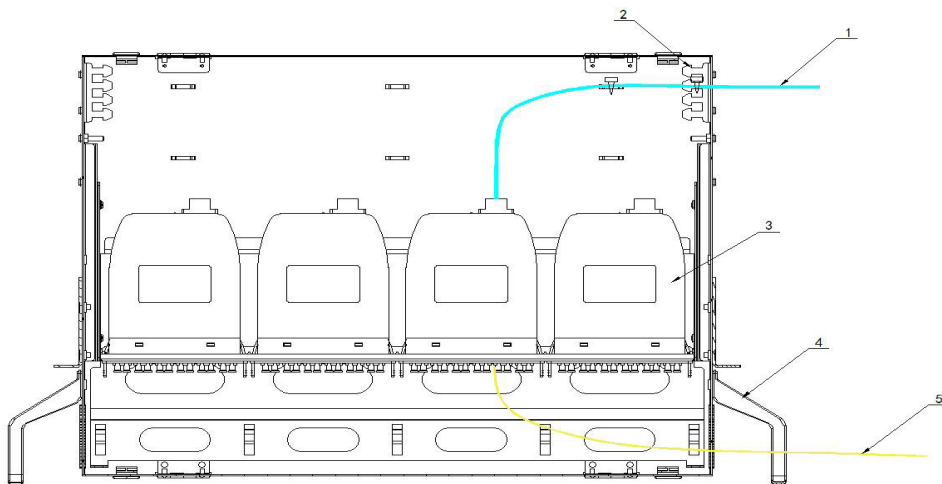
Optronics LC to MPO Male Elite MLX5 Adaptor Cassette Module with 6 LC Duplex OM3 Aqua Adaptors Polarity A	OMLX5-25003206-A
Optronics LC to MPO Male MLX5 Adaptor Cassette Module with 6 LC Duplex OM4 Erika Violet Adaptors Polarity A	OMLX5-21004206-A
Optronics LC to MPO Male Elite MLX5 Adaptor Cassette Module with 6 LC Duplex OM4 Erika Violet Adaptors Polarity A	OMLX5-25004206-A
Optronics LC to MPO Male MLX5 Adaptor Cassette Module with 6 LC Duplex SM Blue Adaptors Polarity A	OMLX5-21009206-A
Optronics LC to MPO Male Elite MLX5 Adaptor Cassette Module with 6 LC Duplex SM Blue Adaptors Polarity A	OMLX5-25009206-A
Optronics LC to MPO Male MLX5 Adaptor Cassette Module with 6 LC Duplex SM APC Green Adaptors Polarity A	OMLX5-21019206-A
Optronics LC to MPO Male Elite MLX5 Adaptor Cassette Module with 6 LC Duplex SM APC Green Adaptors Polarity A	OMLX5-25019206-A

For polarity B or C please change the last letter of the part numbers above.

产品图纸: (mm)



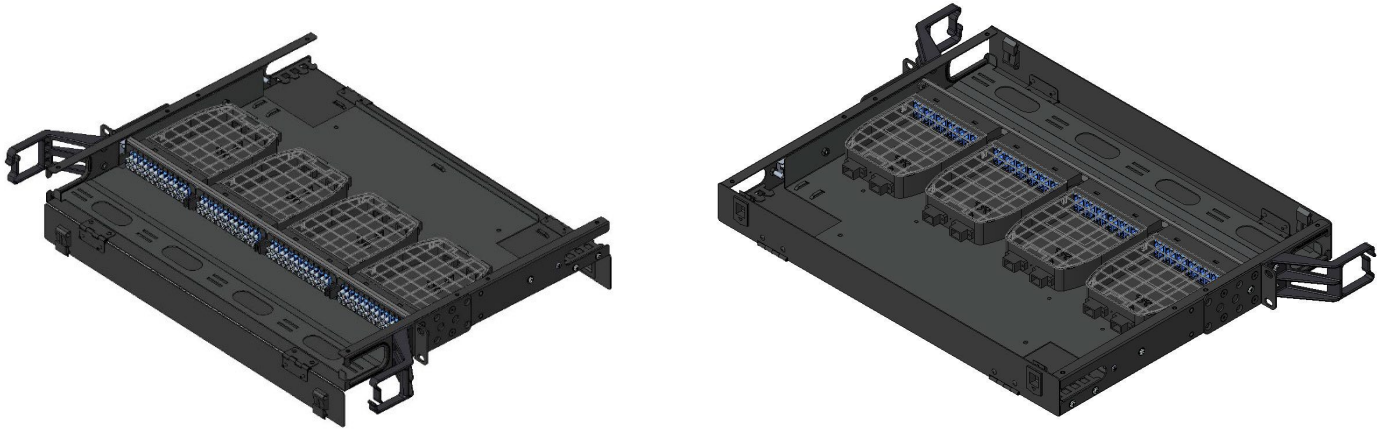
操作示意图



1. MTP®/MPO 预端接光缆 2. 光缆固定装置 3. MTP®/MPO 盒式模块
4. 理线环 5. 光纤跳线

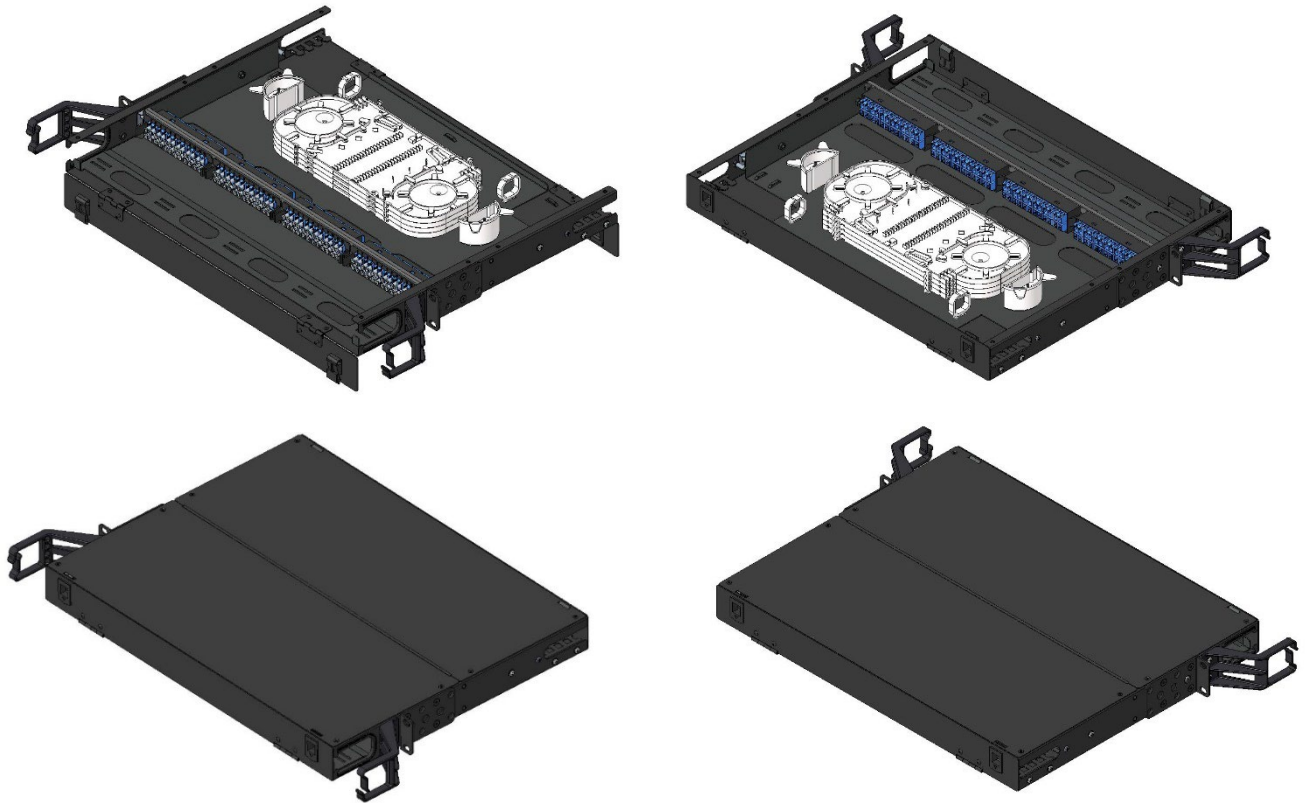
其他示意




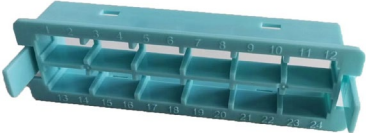


配置1: LX5 1U配线架, 装载4个MLX5 MTP®/MPO盒式模块, 用于96光纤连接和分配



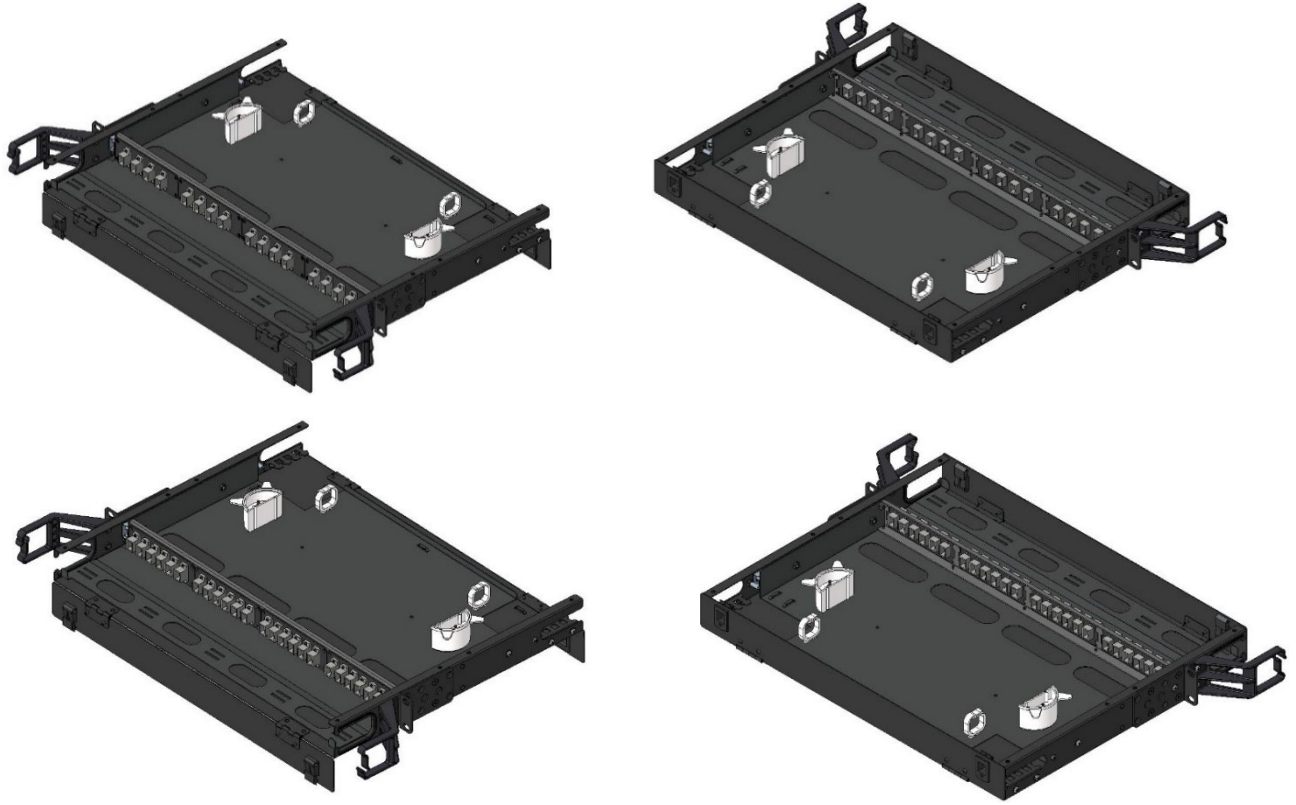
OS2 (UPC) MTP®/MPO Cassette	OS2 (APC) MTP®/MPO Cassette	OM3 MTP®/MPO Cassette	OM4 MTP®/MPO Cassette


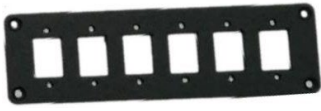
配置2:LX5 1U配线架, 装载4个LC双工适配器面板, 4个OFMST24-LX5熔纤盘, 以满足96光纤熔接功能



OS2 (UPC) Adaptor Plate	OS2 (APC) Adaptor Plate	Splice Tray OFMST24-LX5
		
OM3 Adaptor Plate	OM4 Adaptor Plate	Fibre Spool
		

配置3: LX5 1U配线架, 装载4个MTP®/MPO适配器面板, 以满足MPO主干光缆的连接



MTP®/MPO Adaptor Plate (4 Ports)	MTP®/MPO Adaptor Plate (6 Ports)
	

配件

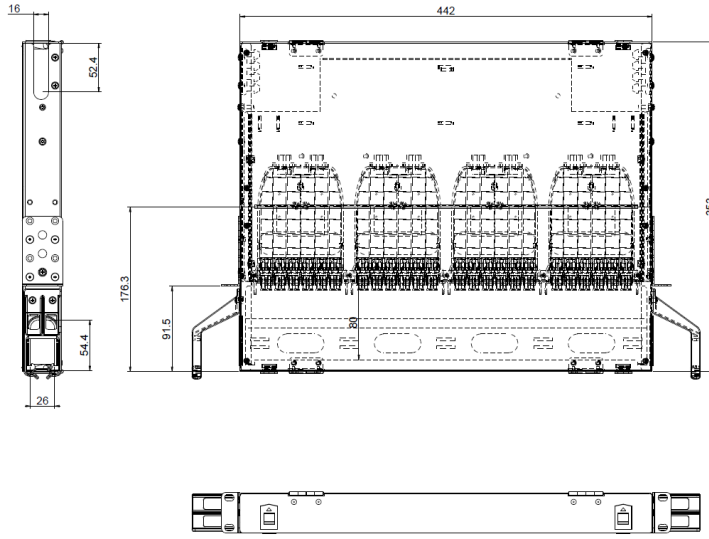
Item	Name	Specification	Qty
1	Mounting hanger	75*19.8*43.5mm	2pcs
2	Round head screw with washer	M4*6/metal/Bright chrome	4pcs
3	Countersunk head screw	M4*8/metal/Bright chrome	8pcs
4	Plastic cable management rings	ODF-PRS-1U/ABS/Black	2pcs
5	Nylon cable tie	3mm*120mm/white	10pcs
6	Heat shrinkable tube (only for Configuration 2)	45*3.0*1.5mm	96pcs

包装信息

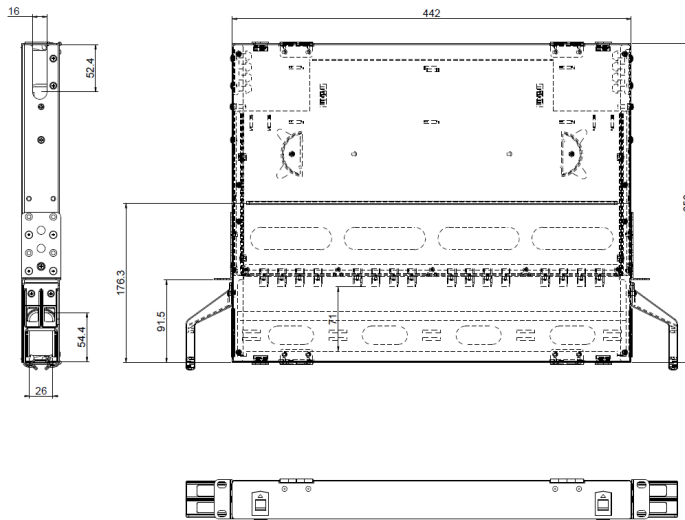
Carton	Size (cm)	Net weight (kg)	Gross weight (kg)	Packing qty (pc)	Remark
Inner carton	48x39x6.5	4.1	4.4	1	Inner carton 0.3kgs
Master carton	50x41x36	20	23.5	5	Master carton 1.5kgs

Note: Above weight is not included the MTP®/MPO cassette MLX5. Each MLX5 cassette is 0.126kgs.

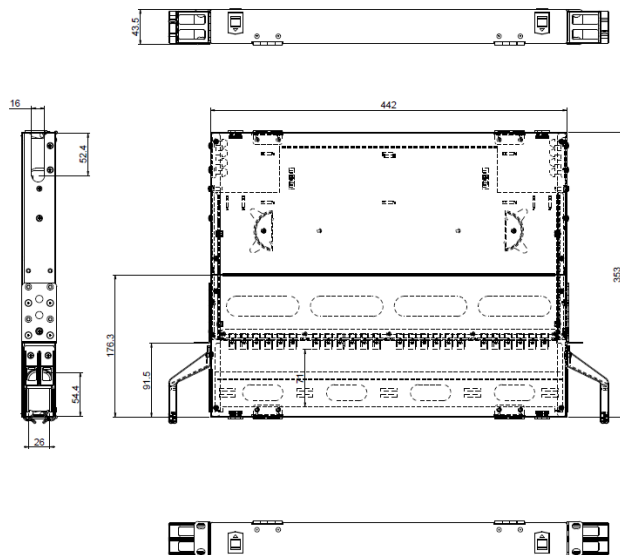
装有熔纤盘面板的配线架技术图纸



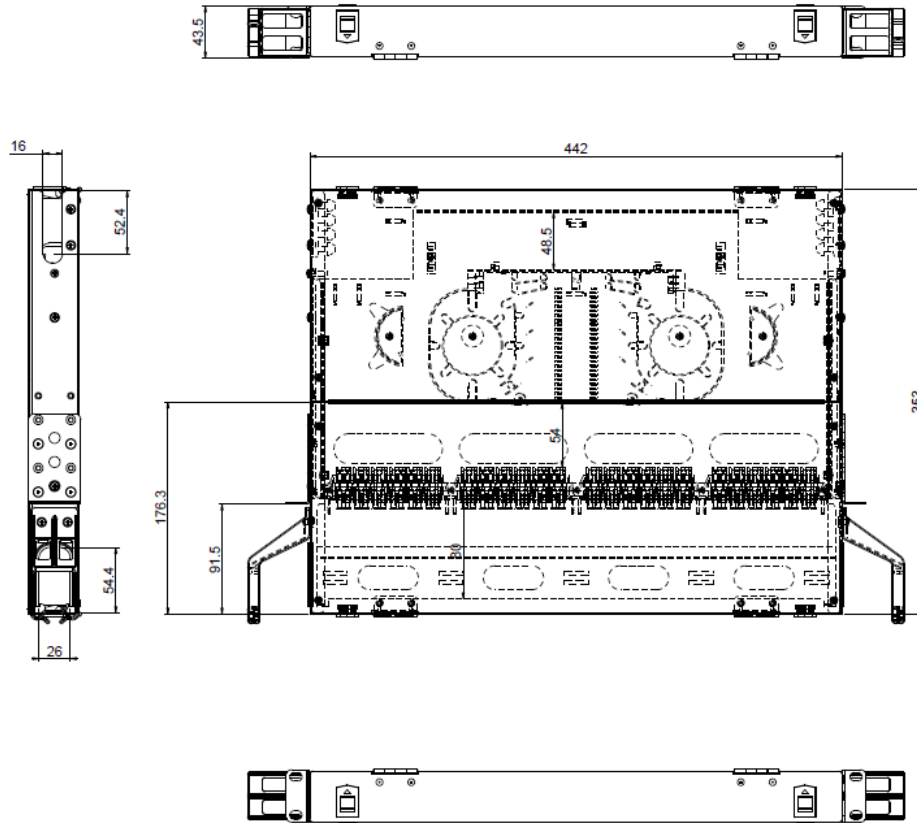
装有4x 4 MTP®/MPO适配器面板的配线架技术图



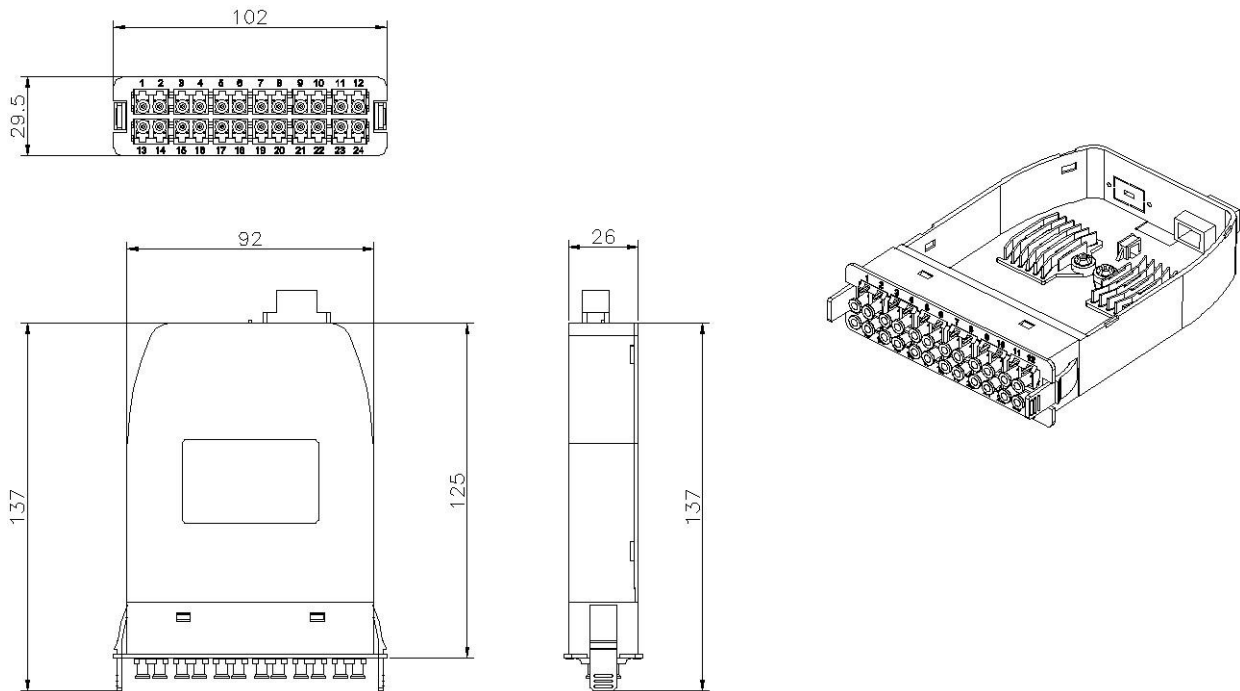
装有4x 6 MTP®/MPO适配器面板的配线架技术图



装有 MLX5 MTP®/MPO 盒式模块的配线架技术图



MLX5 MTP®/MPO盒式模块技术图纸



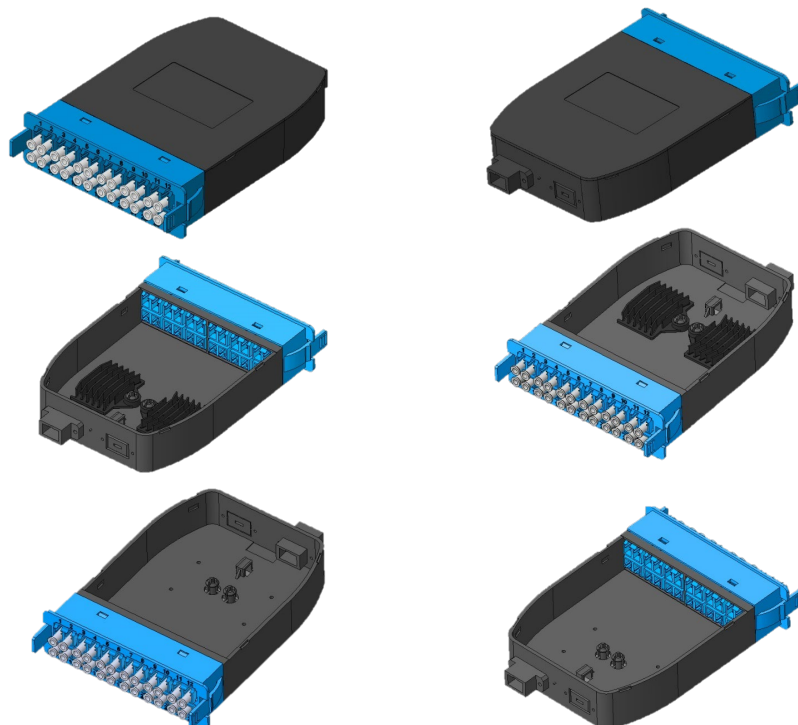
产品信息

Fibre type	LC duplex adaptor	Patch cord	Adaptor module	Cable gland	Splice module
OS2 (UPC)					
OS2 (APC)					
OM3					
OM4					

Note: The standard colour of adaptor module is black.

包装信息

Carton	Size (cm)	Weight (kg)	Packing qty
Inner carton	16.5*11.5*3.7	0.2	1pc
Master carton	36*34.5*39.5	13.5	60pcs



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