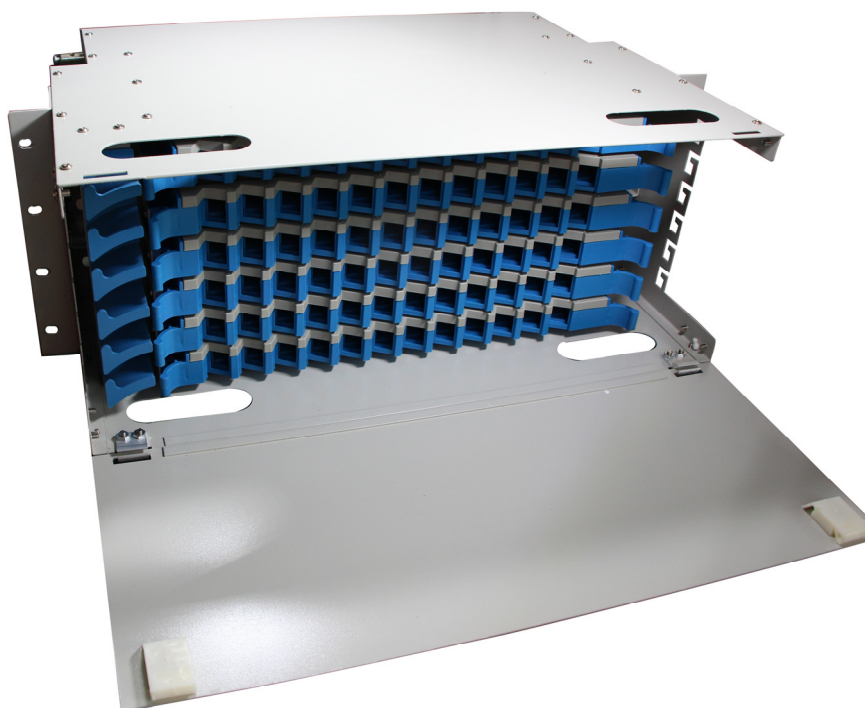


DATASHEET

19' Rack mount 12-144F ODF Panel&Unit

Designed for the data center environment, serves as a protection function for fiber management



RoHS



OMC INDUSTRY CO.LIMITED

2018|En version1.0

Products Description

Generally, the ODF unit box is a necessary part of the indoor optical distribution frame. 12 cores fusion splicing and distribution module plays the main role and its function is splicing, fiber storage and protection. A completed ODF unit will be with adapter, pigtail and accessories like splice protection sleeve, nylon tie, snake like tube, screw.

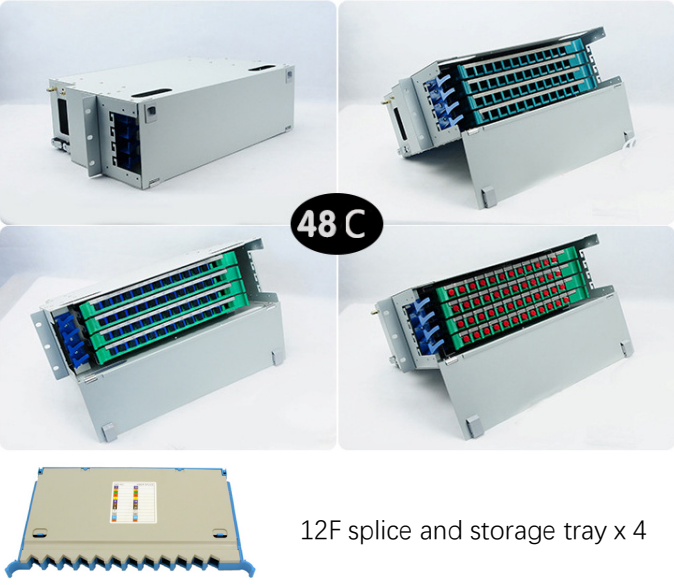
Products Details-12F

Product Name	12F ODF Panel&Unit		
Enclosure Type	19' Rack Mountable		
Installation	Standard EIA 19" Rack		
Compliant	TIA/EIA-568-C.3		
		 12F splice and storage tray x 1	
Part No.	L11000	Material	CRS Cold rolled steel
Fiber Count	12 Fibers	Dimensions (HxWxD)	482*250*45mm

Products Details-24F

		Product Name	24F ODF Panel&Unit
		Enclosure Type	19' Rack Mountable
		Installation	Standard EIA 19" Rack
		Compliant	TIA/EIA-568-C.3
		 12F splice and storage tray x 2	
Part No.	L12000	Material	CRS Cold rolled steel
Fiber Count	24 Fibers	Dimensions (HxWxD)	482*250*70mm

Products Details-48F

Product Name	48F ODF Panel&Unit	 48 C 12F splice and storage tray x 4	
Enclosure Type	19" Rack Mountable		
Installation	Standard EIA 19" Rack		
Compliant	TIA/EIA-568-C.3		
Part No.	L13000	Material	CRS Cold rolled steel
Fiber Count	48 Fibers	Dimensions (HxWxD)	482*250*120mm

Products Details-72F

 72C 12F splice and storage tray x 6		Product Name	72F ODF Panel&Unit
		Enclosure Type	19" Rack Mountable
		Installation	Standard EIA 19" Rack
		Compliant	TIA/EIA-568-C.3
Part No.	L114000	Material	CRS Cold rolled steel
Fiber Count	72 Fibers	Dimensions (HxWxD)	482*250*175mm

Products Details-96F

Product Name	48F ODF Panel&Unit
Enclosure Type	19' Rack Mountable
Installation	Standard EIA 19" Rack
Compliant	TIA/EIA-568-C.3



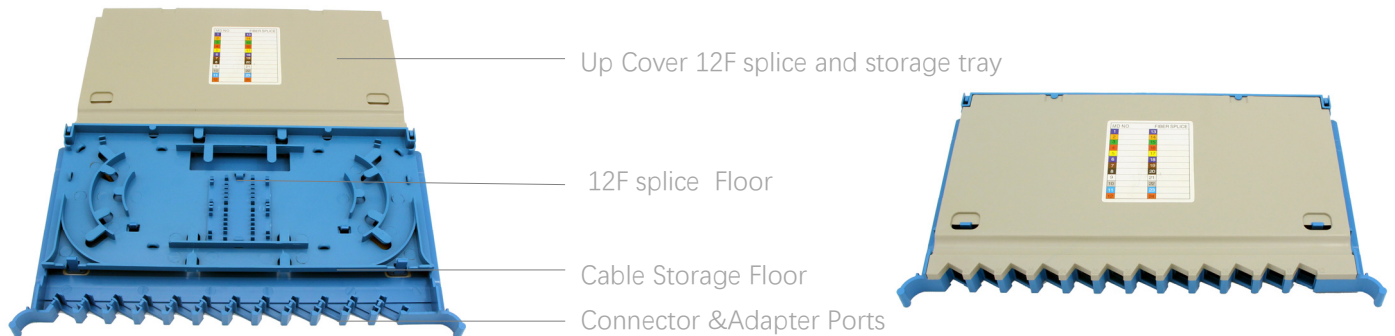
Part No.	L15000	Material	CRS Cold rolled steel
Fiber Count	96 Fibers	Dimensions (HxWxD)	482*250*225mm

Products Details-144F


Product Name	72F ODF Panel&Unit
Enclosure Type	19' Rack Mountable
Installation	Standard EIA 19" Rack
Compliant	TIA/EIA-568-C.3

Part No.	L16000	Material	CRS Cold rolled steel
Fiber Count	144 Fibers	Dimensions (HxWxD)	482*250*330mm

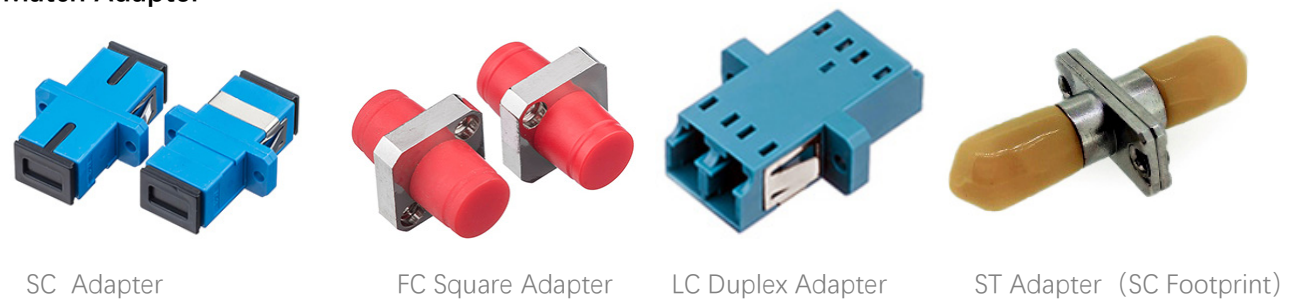
Match Modular 12F splice and storage tray



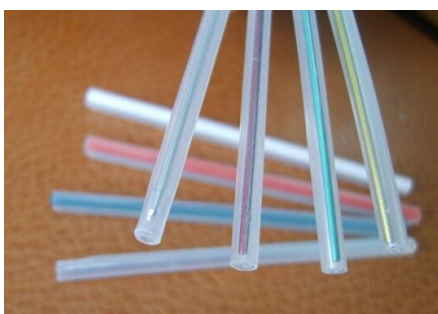
Match Pigtail



Match Adapter



Another Accessories



60mm Splice Sleeve/Smouv

Features

19" standard mounting, available for all kinds of rack and cabinet.

Metal, static electric plastic sprayed. Neat appearance, reasonable structure. With cable fixed and protection function;

With functions of fiber optic cable terminating;

All are designed as modules; all operation could be done at the front side of the box. Flexible installation. Convenient for operation and maintenance.

Designed as a drawer. This could be pulled out and pushed easily. A unit with splice and distribution integrated.

Suitable for both ribbon and bunch fiber cables.

Each splice trays can be clamped with 12FC, SC, ST, LC(Duplex) adapters/30° oblique installation, preventing eyes form harm of laser and ensuring the fiber bending radius.

Operation and storage temperature: -25°C - +55°C

Dielectric intensity: $\geq 3\text{KV}$ (DC)/1min No breakdown, no arcing

Insulation Resistance: $\geq 1000\text{M}\Omega/500\text{V}$ (DC)

Shelter plate of fiber bending radius $\geq 40\text{mm}$

Application:

FTTX project, Data center

Order Index

Full loaded ODF Unit

Products	Fiber Core qty	Loaded accessories	Fiber mode	Connector
L0-ODF Storage box	1- 12cores	0- Empty ODF	0- Empty ODF	0-Empty ODF
L1-ODF Unit	2- 24cores	1-Pigtail+adapter	1- G657A1	1-LC UPC
	3- 48cores	3-Adapter	2-G657A2/B2	2-SC UPC
	4- 72cores		3-G657B3	3-LC APC
	5- 96cores		4-BIF OM1	4-SC APC
	6- 144cores		5-BIF OM2	5- FC UPC
			6-BIF OM3	6-FCAPC
			7-BIF OM4	7-ST UPC
			8-BIF OM5	