

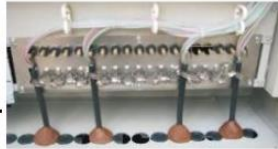
General Fiber Optic Splice Cabinet 144c/288c/576c/1152c



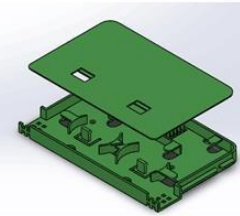
Integrated tray: 12F/tray, for SC or FC adapter and pigtails



Cabinet base details



Direct Splice tray



1. Introduction

The Fiber Optic Splice Cabinet shall meet the standards specialized in YD/T 988-2007 telecom, TLC "Fiber Optic Splice implementation rules", Q/CT 2347-2011 "China Telecom Fiber Optic Splice Cabinet Technical Requirements". It is applied to splice the main cable and distributing cable in outdoors. To introduce, fix, directly splice, store, weld and adjust the optic cable in overhead, wall mounted or direct buried situations.

2. Relating Producing Lines:



3. Product Feature.

Adopt modular structure, comprehensively control cable introducing, stripping and dispatching.

Store the pigtails in integrated trays.

Available for both single fiber cable and ribbon cable at the same time.

Clamping type installation for both FC and SC adapters. (Suitable for both FC and SC adapters) Easy operation.

Separately routes for main cable and bring-in cable, and clearly install the fiber and patch code.

Easy adjust and maintenance.

Max. Capacity: 144c, 288c and 576c

Material: SMC or Stainless Steel

4. Specification

Material	Specification		No. of integrated Tray	Direct splice capacity (F)
	Splice Capacity (F)	Size H×W×D (mm)		
SMC	144	Floor fix: 1035*552*310	12	72
		Wall mount: 770*552*310		
	288	1450*760*370	24	144
	576	1560*750*620	48	288
Stainless Steel	144	1030*570*320	12	72
	288	1450*770*340	24	144
	576	Doube sides design: 1460*770*560	48	288
		Single side design: 1460*1450*330		
	1152	1460*1450*595	96	576

5. Technical Index

1) Working Environment

Operating Temperature: $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$

Relative humidity: $\leq 95\%$ ($+40^{\circ}\text{C}$)

Atmospheric Pressure: $70 \sim 106\text{Kpa}$

2) Main Electric Parameters

Connector loss (including insert, exchange and reuse): $\leq 0.5\text{dB}$

Return Loss: APC $\geq 60\text{dB}$, UPC $\geq 50\text{dB}$, PC $\geq 40\text{dB}$

High Voltage Protected Grounding Device

Insulation Resistance $\geq 2 \times 10^2 \text{M}\Omega/500\text{V}$ (DC)

Withstand Voltage: DC 3KV/ 1min, no breakdown and arc.

3) Main Mechanical Parameters

Clearly marked, avoiding disorder in maintenance.

Plug life > 1000 times

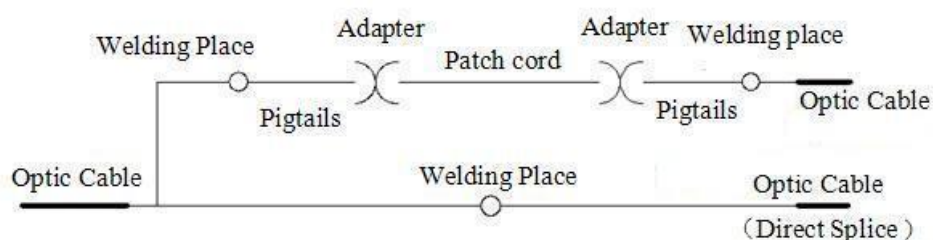
Door open angle > 120 degree, open and close for 5000 times without damage.

The Optic Fiber bending radius shall more than 20 times of fiber dia. and bigger than 30mm.

IP: 65 specialized in GB4208.

Flame Retardant: Meet No.6.5 stated in YD/T 778-2006.

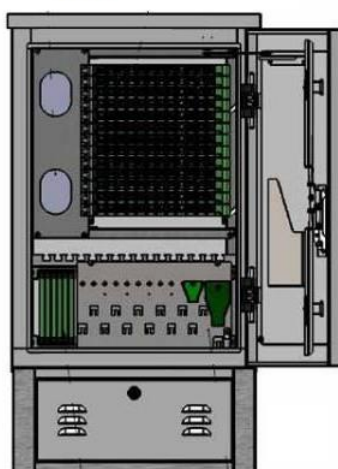
6. Operating Principle



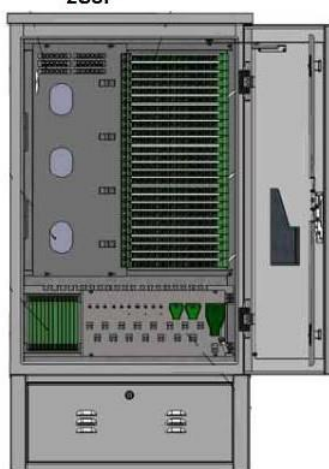
7. Product picture:

Single Side design:

144F



288F



Double sides design: 576F (288F in front, 288F on the back side)



576F : Single side design

1152F: Two sides design, with 576F in front, 576F on back side.

