



# FIBER SYSTEM CROSS CONNECT CABINET

Focusing on FTTX equipment manufacturing



## Features

01

ZION's cross connect cabinets have the functions of optical cable fixing, protection, optical cable termination, and optical fiber core and pigtail protection.

02

With high intensity and anti-erosion performance.

03

Capacity can be flexibly customized as required.

04

Applicable to strap-shaped and non-strap shaped fibers, and inserting installation of SC, FC, adapters.

05

Modular design, easy installation and maintenance.

06

Reliable elements for fixing, splicing and earthing.

07

Rubber furring are used for the connection parts between the body and the door, thus sound sealing and moisture protection achieved.



## Technical Parameters

### ■ Connector Type

SC FC

### ■ Atmospheric pressure

70kpa-106kpa

### ■ Relative humidity

≤ 95%(40° C)

### ■ Operating Temperature

-40°C ~+60°C

### ■ Insulated resistance

≥ 2\*10<sup>4</sup> MQ/500V(DC)

### ■ Mechanical Durability Test

≥ 1000 times

### ■ Material

SMC; Cold-rolled steel;  
Stainless steel; Customized

### ■ Color

Gray

## General Introduction

The optical fiber Cross Connect Cabinet is specially designed for fiber-to-the-home (FTTH) passive optical network (PON). The hub is designed for using in outside plant applications and used in the housing of passive optical splitters.

It has a variety of sizes and an output fiber capacity up to 576 fibers.

Traditional optical cables are usually used as input cables, but there are also multiple configurations that allow output cables to be used in the distribution / drop part of the FTTH network.

The Metal Cross Connect Cabinet adopts a solid and fully enclosed structure with advantages of nice performance of dust-proof and nice water-resistant. Each surface of cabinet can bear vertical pressure over 980N. The huge space allows various types of distribution units (DU) to be combined in various ways.

ZION's fiber optic cross connect cabinets not only adopt SMC but also use cold-rolled/stainless steel to adapt various environments.

With optional capacity and adjustable inside structure, our design team and metal workshop are ready to offer customized services to our clients.



# CROSS CONNECT CABINET

## ZCOCC-F96-2F

Material	SMC
Dimension,W*H*D(mm)	830*450*280
Capacity	96F
Door Type	Single-Sided front door
Fiber Optical Splitter	12*1:8 module PLC splitter
Number of Trunk Distribution Modules	1
Number of Branch Distribution Modules	8
Installation	Floor standing



## ZCOCC-F96-2W

Material	SMC
Dimension,W*H*D(mm)	655*450*280
Capacity	96F
Door Type	Single-Sided front door
Fiber Optical Splitter	12*1:8 module PLC splitter
Number of Trunk Distribution Modules	1
Number of Branch Distribution Modules	8
Installation	Wall-mounted



## ZCOCC-F144-1F

Material	SMC
Dimension,W*H*D(mm)	1030*550*308
Capacity	144F
Door Type	Single-Sided front door
Fiber Optical Splitter	N/A
Number of Trunk Distribution Modules	1
Number of Branch Distribution Modules	12
Installation	Floor standing





## ZCOCC-F144-2F

Material	SMC
Dimension,W*H*D(mm)	1030*550*308
Capacity	144F
Door Type	Single-Sided front door
Fiber Optical Splitter	12*1:8 module PLC splitter
Number of Trunk Distribution Modules	1
Number of Branch Distribution Modules	12
Installation	Floor standing



## ZCOCC-F144-3F

Material	SMC
Dimension,W*H*D(mm)	1030*550*308
Capacity	144F
Door Type	Single-Sided front door
Fiber Optical Splitter	12*1:8 module PLC splitter
Number of Trunk Distribution Modules	1
Number of Branch Distribution Modules	12
Installation	Floor standing



## ZCOCC-F144-2W

Material	SMC
Dimension,W*H*D(mm)	770*550*308
Capacity	576F
Door Type	Single-Sided front door
Fiber Optical Splitter	12*1:8 module PLC splitter
Number of Trunk Distribution Modules	1
Number of Branch Distribution Modules	12
Installation	Wall-mounted





## ZCOCC-F288-1F

Material	SMC
Dimension,W*H*D(mm)	1450*755*350
Capacity	288F
Door Type	Single-Sided front door
Fiber Optical Splitter	N/A
Number of Trunk Distribution Modules	2
Number of Branch Distribution Modules	24
Installation	Floor standing



## ZCOCC-F288-2F

Material	SMC
Dimension,W*H*D(mm)	1450*755*350
Capacity	288F
Door Type	Single-Sided front door
Fiber Optical Splitter	26*1:8 module PLC splitter
Number of Trunk Distribution Modules	2
Number of Branch Distribution Modules	24
Installation	Floor standing



## ZCOCC-F288-3F

Material	SMC
Dimension,W*H*D(mm)	1450*755*350
Capacity	288F
Door Type	Single-Sided front Door
Fiber Optical Splitter	26*1:8 cassette PLC splitter
Number of Trunk Distribution Modules	2
Number of Branch Distribution Modules	24
Installation	Floor standing





## ZCOCC-F576-1F

Material	SMC
Dimension,W*H*D(mm)	1450*755*543
Capacity	576F
Door Type	Single-sided front and rear door
Fiber Optical Splitter	N/A
Number of Trunk Distribution Modules	4
Number of Branch Distribution Modules	48
Installation	Floor standing



## ZCOCC-F576-2F

Material	SMC
Dimension,W*H*D(mm)	1450*755*543
Capacity	576F
Door Type	Single-sided front and rear door
Fiber Optical Splitter	52*1:8 module PLC splitter
Number of Trunk Distribution Modules	4
Number of Branch Distribution Modules	48
Installation	Floor standing



## ZCOCC-F576-3F

Material	SMC
Dimension,W*H*D(mm)	1450*755*543
Capacity	576F
Door Type	Single-sided front and rear door
Fiber Optical Splitter	52*1:8 cassette PLC splitter
Number of Trunk Distribution Modules	4
Number of Branch Distribution Modules	48
Installation	Floor standing

